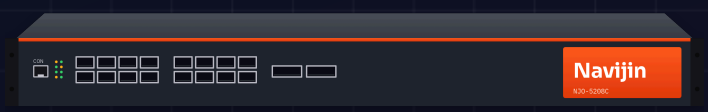
Navijin

PRODUCT CATALOG · EDITION 2027

Optical Access, Gateways, Security & Switching

GPON, XGS-PON and EPON systems, ONUs, multi-WAN gateways and AP controllers, 4G/5G routers, intrusion prevention and secure Internet gateways, data-center and core switches, engineered for ISPs, enterprises, hospitality and campuses.

64 products | GPON · XGS-PON · EPON | Gateways · AP controllers | 4G · 5G | IPS · Secure Internet Gateway | 10G–400G · Chassis core





INTRODUCTION

Five new Navijin product families

Navijin expands its portfolio beyond switching, Wi-Fi, video surveillance and voice. With Optical Access, Gateways & AP Controllers, 4G / 5G Routers, Network Security and Data Center & Core Switching, partners can now deliver the complete network, from the fibre in the street and the cellular backup link to the gateway and the firewall at the edge and the 400G spine in the data center, from one accountable vendor.

FIBRE TO EVERYWHERE

Optical Access (PON)

Carrier-grade GPON, EPON and XGS-PON systems for ISPs, campuses, hotels, residential towers and passive optical LANs. One fibre network carries Internet, voice, IPTV, CCTV and Wi-Fi, with central management from the OLT.

- **GPON OLT** · Rack-mount GPON OLTs with 4 to 16 PON ports and 10G uplinks.
- **XGS-PON OLT** · 10G symmetric XGS-PON and combo OLTs for multi-gigabit services.
- **EPON OLT** · Cost-effective 1.25G EPON OLTs for FTTH and FTTB.
- **Chassis OLT** · Modular multi-service OLT chassis with redundant control and power.
- **ONU / ONT** · SFU, HGU, PoE and MDU terminals for homes, offices and buildings.

ONE BOX AT EVERY EDGE

Gateways & AP Controllers

Multi-WAN gateways that route, secure and authenticate, and also manage the Navijin access points behind them. From a 10-port PoE desktop unit to a 2U campus controller for 3,000 APs.

- **Desktop Gateway & AP Controller** · Compact ARM gateways with optional PoE for shops, offices and small hotels.
- **Rack Gateway & AP Controller** · x86 rack gateways with hot standby, for enterprises, hotels and campuses.
- **Industrial Gateway & AP Controller** · Wide-temperature DIN-rail gateways for factories, utilities and transport.

INTERNET ANYWHERE

4G / 5G Routers

4G and 5G routers and CPEs for homes, remote offices, vehicles and industrial sites, with wired-first failover so the network stays up when the fixed line drops.

- **4G LTE Router** · 4G routers and CPEs for homes, offices and backup WAN.
- **Industrial 4G Router** · Metal-housing 4G routers with serial ports and wide-voltage power.
- **5G CPE** · Wi-Fi 6 5G CPEs for fixed wireless access and 5G failover.

PROTECT EVERY EDGE

Network Security

Intrusion prevention systems and secure Internet gateways that identify users and applications, block threats and keep bandwidth for the business, from branch offices to data-center edges. They complement Navijin firewalls.

- **Intrusion Prevention (IPS)** · Inline intrusion detection and prevention appliances.
- **Secure Internet Gateway** · User and application-aware Internet access control, filtering and bandwidth management.

THE FAST LANE IN THE MIDDLE

Data Center & Core Switching

Leaf and spine switches from 10G to 400G with VXLAN/EVPN, M-LAG and lossless Ethernet for cloud, storage and AI, plus carrier-grade chassis cores with dual supervisors, MPLS VPN and in-service upgrades.

- **Data Center Switch** · 10G/25G leaf, 100G and 400G spine and modular data-center switches.
- **Core Chassis Switch** · Modular campus and carrier cores with dual supervisors and hot-swap line cards.

One vendor, end to end

Fibre access, switching, Wi-Fi, security, video and voice under one brand, one warranty and one support path.

Engineering support

Network design, bills of materials and tender documentation from Navijin engineers.

Partner first

Sold and supported through authorised Navijin partners with project pricing and deal protection.

How to read this catalog

Each family starts with an overview and a quick selection guide, followed by one half-page per product with key figures, specifications and ordering codes. Full datasheets are available from your Navijin partner or at navijin.com.

Navijin

FIBRE TO EVERYWHERE

Optical Access (PON)

Carrier-grade GPON, EPON and XGS-PON systems for ISPs, campuses, hotels, residential towers and passive optical LANs. One fibre network carries Internet, voice, IPTV, CCTV and Wi-Fi, with central management from the OLT.

GPON OLT

Rack-mount GPON OLTs with 4 to 16 PON ports and 10G uplinks. · 6 models

XGS-PON OLT

10G symmetric XGS-PON and combo OLTs for multi-gigabit services. · 2 models

EPON OLT

Cost-effective 1.25G EPON OLTs for FTTH and FTTB. · 4 models

Chassis OLT

Modular multi-service OLT chassis with redundant control and power. · 6 models

ONU / ONT

SFU, HGU, PoE and MDU terminals for homes, offices and buildings. · 10 models

Selection guide

GPON OLT

Model	PON ports	Uplinks	Max split / reach	Backplane
NJO-3104X	4 × GPON (SFP)	4 × GE RJ45, 4 × 1G/10G SFP+	1:128 / 20 km	256 Gbps
NJO-3108X	8 × GPON (SFP)	4 × GE RJ45, 4 × 1G/10G SFP+	1:128 / 20 km	256 Gbps
NJO-3208X	8 × GPON (SFP)	4 × GE combo, 4 × GE SFP, 4 × 10G SFP+	1:128 / 20 km	256 Gbps
NJO-3216X	16 × GPON (SFP)	4 × GE combo, 4 × GE SFP, 4 × 10G SFP+	1:128 / 20 km	256 Gbps
NJO-3308X	8 × GPON (SFP)	4 × GE RJ45, 8 × 1G/10G SFP+	1:128 / 20 km	880 Gbps
NJO-3316Q	16 × GPON (SFP)	4 × GE RJ45, 4 × 10G SFP+, 2 × 40G QSFP+ (4×10G breakout)	1:128 / 20 km	880 Gbps

XGS-PON OLT

Model	PON ports	Uplinks	Max split	PON rate
NJO-5208C	8 × GPON / XG(S)-PON combo	8 × 1G/10G SFP+, 2 × 100G QSFP28 (40G compatible, 4×25G breakout)	1:256 XG(S)-PON, 1:128 GPON	XGS-PON 9.953/9.953 Gbps; XG-PON 9.953/2.488 Gbps; GPON 2.488/1.244 Gbps
NJO-5316C	16 × XG(S)-PON (GPON mode with GPON optics)	8 × 1G/10G SFP+, 2 × 100G QSFP28	1:256	XGS-PON 9.953/9.953 Gbps; XG-PON 9.953/2.488 Gbps

EPON OLT

Model	PON ports	Uplinks	Max split	Backplane
NJO-2104X	4 × EPON	4 × GE RJ45, 4 × 10G SFP+ (1G compatible)	1:64	128 Gbps
NJO-2108X	8 × EPON	4 × GE RJ45, 4 × 10G SFP+ (1G compatible)	1:64	128 Gbps
NJO-2208X	8 × EPON	4 × GE RJ45, 4 × GE SFP, 6 × 10G SFP+	1:64	216 Gbps
NJO-2216X	16 × EPON	4 × GE RJ45, 4 × GE SFP, 6 × 10G SFP+	1:64	216 Gbps

Selection guide (continued)

Chassis OLT

Model	Slots	Max PON ports	Max uplinks	Backplane
NJO-7206	2 control, 2 × 10G service, 6 GE/EPON service	96 EPON	96 × GE, 8 × 10G	1.4 Tbps
NJO-7212	2 control, 2 × 10G service, 12 GE/EPON service	48 EPON	48 × GE, 4 × 10G	768 Gbps; MAC 64K
NJO-7304	2 control, 4 service	64 GPON or 64 EPON or 32 10G-EPON	48 × 10G	4 Tbps; MAC table 128K
NJO-7308	2 control, 8 service	128 GPON or 128 EPON or 64 10G-EPON	96 × 10G	4 Tbps; MAC table 128K
NJO-7502	2 control, 2 service, 2 power, 1 fan	32 GPON / XG(S)-PON / combo	8 × 10G, 4 × 100G	1.8 Tbps
NJO-7507	2 control, 7 service, 3 power, 1 fan	112 GPON / XG(S)-PON / combo	28 × 10G, 14 × 100G	7.6 Tbps

ONU / ONT

Model	PON	LAN	Power	PoE budget
NJU-1101	1 × GPON/EPON auto-adaptive (SC/UPC)	1 × GE RJ45	12 V DC / 0.5 A adapter	–
NJU-1104	1 × GPON/EPON auto-adaptive (SC/UPC)	4 × GE RJ45	12 V DC adapter	–
NJU-1104R	1 × GPON (SC/UPC)	4 × GE RJ45	AC 220 V, < 6 W	–
NJU-2104	1 × GPON (SC/UPC)	4 × GE RJ45 with PoE/PoE+ (802.3af/at)	53.5 V DC / 1.2 A adapter	60 W
NJU-4202	1 × GPON/EPON auto-adaptive (SC/UPC)	2 × GE RJ45	12 V DC adapter, < 12 W	–
NJU-4604	1 × GPON/EPON auto-adaptive (SC/UPC)	4 × GE RJ45	12 V DC / 1.5 A adapter, < 18 W	–
NJU-6108	1 × GPON/EPON (SC/UPC)	8 × GE RJ45	AC 220 V	–
NJU-6124	1 × GPON/EPON (SC/UPC)	24 × GE RJ45	AC 220 V, fan cooled	–
NJU-6208	1 × GPON/EPON (SC/UPC)	8 × GE RJ45 PoE/PoE+ (802.3af/at)	AC 220 V	130 W
NJU-6224	1 × GPON/EPON (SC/UPC)	24 × GE RJ45 PoE/PoE+ (802.3af/at)	AC 220 V, fan cooled	370 W



GPON OLT

NJO-3104X

4-port GPON OLT

Compact 1U GPON OLT for small ISPs, campuses and hotels.

4	1:128	10G
GPON ports	split	uplinks

- ITU-T G.984 / G.988 GPON, 2.488 Gbps downstream / 1.244 Gbps upstream per port
- Split ratio up to 1:128 and 20 km reach; Class B+, C+ and C++ optics
- Auto-discovery of ONUs and interoperability with third-party ONTs
- DBA and SLA per ONU, upstream/downstream rate limiting, 802.1p QoS

PON ports	4 × GPON (SFP)	Uplinks	4 × GE RJ45, 4 × 1G/10G SFP+
Max split / reach	1:128 / 20 km	Backplane	256 Gbps
Management	1 × console, 1 × out-of-band GE	Power	Built-in single or dual AC 100–240 V
Dimensions	442.5 × 280 × 44 mm (1U)	Weight	< 7 kg
Operating temp.	0 – 45 °C, 10–85% RH		

NJO-3104X 4 × GPON, 4 × GE, 4 × 10G SFP+, single AC PSU · **NJO-3104X-DP** As above with dual AC PSU



GPON OLT

NJO-3108X

8-port GPON OLT, value

Value 8-port GPON OLT for growing ISPs and building operators.

8	10G	1U
GPON ports	uplinks	rack

- ITU-T G.984 / G.988 GPON, 2.488 Gbps downstream / 1.244 Gbps upstream per port
- Split ratio up to 1:128 and 20 km reach; Class B+, C+ and C++ optics
- Auto-discovery of ONUs and interoperability with third-party ONTs
- DBA and SLA per ONU, upstream/downstream rate limiting, 802.1p QoS

PON ports	8 × GPON (SFP)	Uplinks	4 × GE RJ45, 4 × 1G/10G SFP+
Max split / reach	1:128 / 20 km	Backplane	256 Gbps
Power	Built-in single or dual AC 100–240 V	Dimensions	440 × 280 × 44 mm (1U)
Operating temp.	0 – 45 °C, 10–85% RH		

NJO-3108X 8 × GPON, 4 × GE, 4 × 10G SFP+, single AC · **NJO-3108X-DP** As above with dual AC PSU



GPON OLT

NJO-3208X

8-port GPON OLT

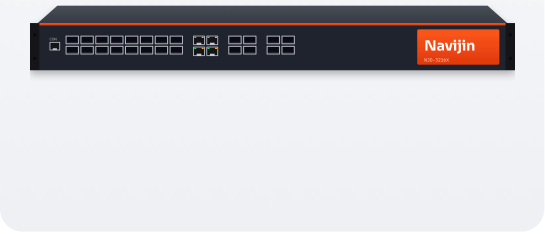
1U GPON OLT with rich GE and 10G uplinks for FTTH and FTTB.

8	12	1U
GPON ports	uplinks	rack

- ITU-T G.984 / G.988 GPON, 2.488 Gbps downstream / 1.244 Gbps upstream per port
- Split ratio up to 1:128 and 20 km reach; Class B+, C+ and C++ optics
- Auto-discovery of ONUs and interoperability with third-party ONTs
- DBA and SLA per ONU, upstream/downstream rate limiting, 802.1p QoS

PON ports	8 × GPON (SFP)	**Uplinks**	4 × GE combo, 4 × GE SFP, 4 × 10G SFP+
Max split / reach	1:128 / 20 km	**Backplane**	256 Gbps
Power	Built-in single or dual AC 100–240 V	**Dimensions**	440 × 300 × 44 mm (1U)
Operating temp.	0 – 45 °C, 10–85% RH		

NJO-3208X 8 × GPON, 4 × GE combo, 4 × GE SFP, 4 × 10G SFP+, single AC · **NJO-3208X-DP** As above with dual AC PSU



GPON OLT

NJO-3216X

16-port GPON OLT

High-density 1U GPON OLT serving up to 2,048 subscribers.

16	2,048	1U
GPON ports	ONUs at 1:128	rack

- ITU-T G.984 / G.988 GPON, 2.488 Gbps downstream / 1.244 Gbps upstream per port
- Split ratio up to 1:128 and 20 km reach; Class B+, C+ and C++ optics
- Auto-discovery of ONUs and interoperability with third-party ONTs
- DBA and SLA per ONU, upstream/downstream rate limiting, 802.1p QoS

PON ports	16 × GPON (SFP)	**Uplinks**	4 × GE combo, 4 × GE SFP, 4 × 10G SFP+
Max split / reach	1:128 / 20 km	**Backplane**	256 Gbps
Power	Built-in single or dual AC 100–240 V	**Dimensions**	440 × 300 × 44 mm (1U)
Operating temp.	0 – 45 °C, 10–85% RH		

NJO-3216X 16 × GPON, 4 × GE combo, 4 × GE SFP, 4 × 10G SFP+, single AC · **NJO-3216X-DP** As above with dual AC PSU



GPON OLT

NJO-3308X

8-port GPON OLT, 880G

Enterprise-aggregation GPON OLT with eight 10G uplinks and hot-swap AC/DC power.

8	8 × 10G	AC/DC
GPON ports	uplinks	hot-swap

- Full Layer 3 with BGP and IS-IS; ERPS ring protection
- ITU-T G.984 / G.988 GPON, 2.488 Gbps downstream / 1.244 Gbps upstream per port
- Split ratio up to 1:128 and 20 km reach; Class B+, C+ and C++ optics
- Auto-discovery of ONUs and interoperability with third-party ONTs

PON ports	8 × GPON (SFP)	Uplinks	4 × GE RJ45, 8 × 1G/10G SFP+
Max split / reach	1:128 / 20 km	Backplane	880 Gbps
Layer 3	Static, RIP, OSPF, BGP, IS-IS, VRRP; IPv6	Power	AC 100–240 V or DC 36–72 V, dual hot-swap (100 W)
Dimensions	440 × 280 × 44 mm (1U)	Operating temp.	0 – 45 °C, 10–85% RH

NJO-3308X 8 × GPON, 4 × GE, 8 × 10G SFP+, single AC PSU (2nd optional) · **NJO-3308X-DC** As above with DC 36–72 V PSU · **NPS-100A** Hot-swap AC power module, 100 W · **NPS-100D** Hot-swap DC power module, 100 W



GPON OLT

NJO-3316Q

16-port GPON OLT, 40G uplinks

16-port GPON OLT with 40G QSFP+ uplinks for large FTTH and campus fibre networks.

16	2 × 40G	880G
GPON ports	uplinks	backplane

- 40G QSFP+ uplinks with 4×10G breakout
- ITU-T G.984 / G.988 GPON, 2.488 Gbps downstream / 1.244 Gbps upstream per port
- Split ratio up to 1:128 and 20 km reach; Class B+, C+ and C++ optics
- Auto-discovery of ONUs and interoperability with third-party ONTs

PON ports	16 × GPON (SFP)	Uplinks	4 × GE RJ45, 4 × 10G SFP+, 2 × 40G QSFP+ (4×10G breakout)
Max split / reach	1:128 / 20 km	Backplane	880 Gbps
Layer 3	Static, RIP, OSPF, BGP, IS-IS, VRRP; IPv6	Power	AC 100–240 V or DC 36–72 V, dual hot-swap (100 W)
Dimensions	440 × 280 × 44 mm (1U)	Operating temp.	0 – 45 °C, 10–85% RH

NJO-3316Q 16 × GPON, 4 × GE, 4 × 10G SFP+, 2 × 40G QSFP+, single AC PSU · **NJO-3316Q-DC** As above with DC 36–72 V PSU



XGS-PON OLT

NJO-5208C

8-port XGS-PON Combo OLT

Combo ports run GPON, XG-PON and XGS-PON side by side: upgrade subscribers without new fibre.

10G symmetric PON

2 × 100G uplinks

Combo GPON + XGS

- ITU-T G.9807.1 XGS-PON (9.953 Gbps symmetric) and G.987 XG-PON
- Split ratio up to 1:256 on XG(S)-PON and 1:128 on GPON
- 100G QSFP28 uplinks (breakout 4×25G) plus 10G SFP+ uplinks
- Smooth migration: run GPON, XG-PON and XGS-PON ONUs on the same platform

PON ports	8 × GPON / XG(S)-PON combo
Max split	1:256 XG(S)-PON, 1:128 GPON
Switching capacity	880 Gbps
Dimensions	440 × 280 × 44 mm (1U)
Uplinks	8 × 1G/10G SFP+, 2 × 100G QSFP28 (40G compatible, 4×25G breakout)
PON rate	XGS-PON 9.953/9.953 Gbps; XG-PON 9.953/2.488 Gbps; GPON 2.488/1.244 Gbps
Power	AC 100–240 V or DC 36–72 V, dual hot-swap
Operating temp.	0 – 45 °C, 10–85% RH

NJO-5208C 8-port XGS-PON Combo OLT



XGS-PON OLT

NJO-5316C

16-port XGS-PON OLT

1U, 16-port XGS-PON OLT for multi-gigabit FTTH and business fibre.

16 XGS-PON ports

1:256 split

2 × 100G uplinks

- ITU-T G.9807.1 XGS-PON (9.953 Gbps symmetric) and G.987 XG-PON
- Split ratio up to 1:256 on XG(S)-PON and 1:128 on GPON
- 100G QSFP28 uplinks (breakout 4×25G) plus 10G SFP+ uplinks
- Smooth migration: run GPON, XG-PON and XGS-PON ONUs on the same platform

PON ports	16 × XG(S)-PON (GPON mode with GPON optics)
Max split	1:256
Switching capacity	880 Gbps
Dimensions	440 × 280 × 44 mm (1U)
Uplinks	8 × 1G/10G SFP+, 2 × 100G QSFP28
PON rate	XGS-PON 9.953/9.953 Gbps; XG-PON 9.953/2.488 Gbps
Power	AC 100–240 V or DC 36–72 V, dual hot-swap
Operating temp.	0 – 45 °C, 10–85% RH

NJO-5316C 16-port XGS-PON OLT



EPON OLT

NJO-2104X

4-port EPON OLT

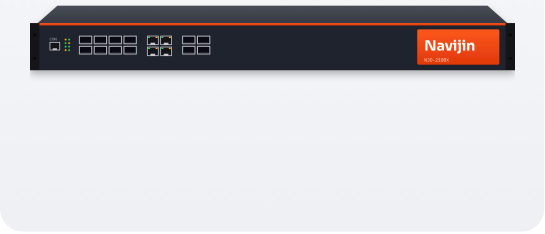
Entry EPON OLT for small FTTH and building networks.

4	1:64	10G
EPON ports	split	uplinks

- IEEE 802.3ah EPON, symmetric 1.25 Gbps per PON port
- Split ratio up to 1:64 and 20 km reach; PX20, PX20+ and PX20++ optics
- Auto-discovery and interoperability with third-party ONUs
- DBA and SLA, per-ONU rate limiting, 802.1p QoS

PON ports	4 × EPON	**Uplinks**	4 × GE RJ45, 4 × 10G SFP+ (1G compatible)
Max split	1:64	**Backplane**	128 Gbps
Power	Single or dual AC	**Dimensions**	442.5 × 280 × 44 mm (1U)
Weight	< 8 kg	**Operating temp.**	0 – 45 °C

NJO-2104X 4-port EPON OLT



EPON OLT

NJO-2108X

8-port EPON OLT

8-port EPON OLT with 10G uplinks.

8	512	1U
EPON ports	ONUs at 1:64	rack

- IEEE 802.3ah EPON, symmetric 1.25 Gbps per PON port
- Split ratio up to 1:64 and 20 km reach; PX20, PX20+ and PX20++ optics
- Auto-discovery and interoperability with third-party ONUs
- DBA and SLA, per-ONU rate limiting, 802.1p QoS

PON ports	8 × EPON	**Uplinks**	4 × GE RJ45, 4 × 10G SFP+ (1G compatible)
Max split	1:64	**Backplane**	128 Gbps
Power	Single or dual AC	**Dimensions**	442.5 × 280 × 44 mm (1U)
Operating temp.	0 – 45 °C		

NJO-2108X 8-port EPON OLT



EPON OLT

NJO-2208X

8-port EPON OLT, enhanced

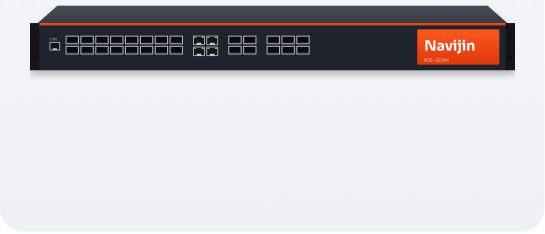
Enhanced 8-port EPON OLT with six 10G uplinks and hot-swap power.

8	6 × 10G	216G
EPON ports	uplinks	backplane

- IEEE 802.3ah EPON, symmetric 1.25 Gbps per PON port
- Split ratio up to 1:64 and 20 km reach; PX20, PX20+ and PX20++ optics
- Auto-discovery and interoperability with third-party ONUs
- DBA and SLA, per-ONU rate limiting, 802.1p QoS

PON ports	8 × EPON	Uplinks	4 × GE RJ45, 4 × GE SFP, 6 × 10G SFP+
Max split	1:64	Backplane	216 Gbps
Power	Modular hot-swap, dual	Dimensions	1U, ≤ 300 mm deep
Operating temp.	0 – 45 °C		

NJO-2208X 8-port EPON OLT, enhanced



EPON OLT

NJO-2216X

16-port EPON OLT, enhanced

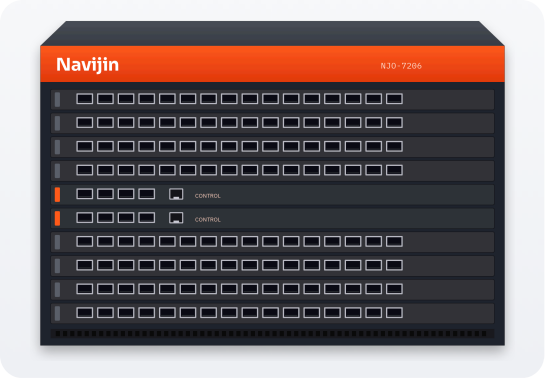
16-port EPON OLT for up to 1,024 subscribers in 1U.

16	1,024	6 × 10G
EPON ports	ONUs at 1:64	uplinks

- IEEE 802.3ah EPON, symmetric 1.25 Gbps per PON port
- Split ratio up to 1:64 and 20 km reach; PX20, PX20+ and PX20++ optics
- Auto-discovery and interoperability with third-party ONUs
- DBA and SLA, per-ONU rate limiting, 802.1p QoS

PON ports	16 × EPON	Uplinks	4 × GE RJ45, 4 × GE SFP, 6 × 10G SFP+
Max split	1:64	Backplane	216 Gbps
Power	Modular hot-swap, dual	Dimensions	1U, ≤ 300 mm deep
Operating temp.	0 – 45 °C		

NJO-2216X 16-port EPON OLT, enhanced



CHASSIS OLT

NJO-7206

EPON chassis OLT, high capacity

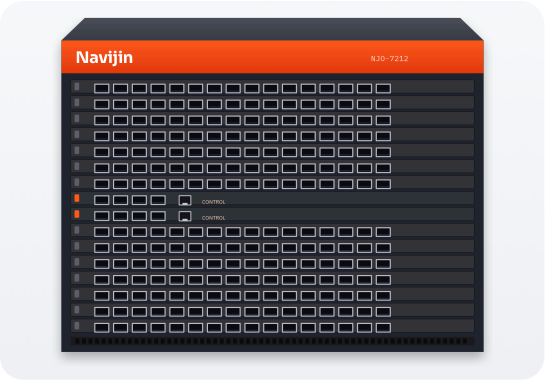
Large-capacity EPON chassis for up to 96 PON ports.

96	1.4T	8 × 10G
EPON ports	backplane	uplinks

- Fully modular: hot-swappable control, service, power and fan modules
- Dual control boards and redundant power (AC, DC or mixed) for carrier-grade uptime
- Single platform for FTTH, FTTB, FTTO and passive optical LAN
- Automatic fibre protection switching on trunk failure

Slots	2 control, 2 × 10G service, 6 GE/EPON service	**Max PON ports**	96 EPON
Max uplinks	96 × GE, 8 × 10G	**Backplane**	1.4 Tbps
Max split	1:64	**Power**	Redundant, hot-swap
Operating temp.	0 – 45 °C		

NJO-7206 EPON chassis OLT, high capacity



CHASSIS OLT

NJO-7212

EPON chassis OLT, mid-range

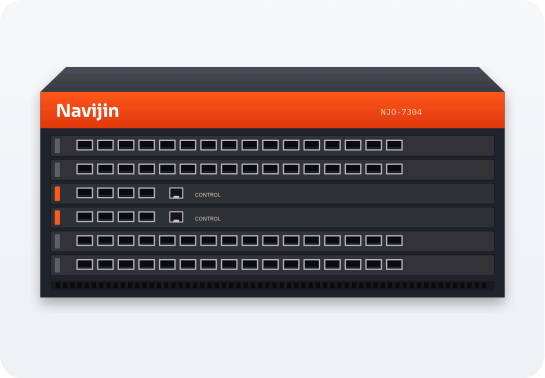
Modular EPON chassis for up to 48 PON ports.

48	768G	Modular
EPON ports	backplane	chassis

- Fully modular: hot-swappable control, service, power and fan modules
- Dual control boards and redundant power (AC, DC or mixed) for carrier-grade uptime
- Single platform for FTTH, FTTB, FTTO and passive optical LAN
- Automatic fibre protection switching on trunk failure

Slots	2 control, 2 × 10G service, 12 GE/EPON service	**Max PON ports**	48 EPON
Max uplinks	48 × GE, 4 × 10G	**Backplane**	768 Gbps; MAC 64K
Max split	1:64	**Power**	Redundant, hot-swap
Operating temp.	0 – 45 °C		

NJO-7212 EPON chassis OLT, mid-range



CHASSIS OLT

NJO-7304

Multi-PON chassis OLT, 4 service slots

One chassis for GPON, EPON and 10G-EPON: unify residential and business access.

64	4T	3
PON ports	backplane	PON technologies

- Fully modular: hot-swappable control, service, power and fan modules
- Dual control boards and redundant power (AC, DC or mixed) for carrier-grade uptime
- Single platform for FTTH, FTTB, FTTO and passive optical LAN
- Automatic fibre protection switching on trunk failure

Slots	2 control, 4 service	**Max PON ports**	64 GPON or 64 EPON or 32 10G-EPON
Max uplinks	48 × 10G	**Backplane**	4 Tbps; MAC table 128K
Max split	1:128	**Power**	AC 90–264 V / DC 36–72 V, dual hot-swap
Dimensions	399.7 × 482.6 × 548 mm	**Operating temp.**	0 – 45 °C

NJO-7304 Multi-PON chassis OLT, 4 service slots



CHASSIS OLT

NJO-7308

Multi-PON chassis OLT, 8 service slots

High-capacity multi-service chassis for up to 128 GPON or EPON ports.

128	96 × 10G	Dual
PON ports	uplinks	control

- Fully modular: hot-swappable control, service, power and fan modules
- Dual control boards and redundant power (AC, DC or mixed) for carrier-grade uptime
- Single platform for FTTH, FTTB, FTTO and passive optical LAN
- Automatic fibre protection switching on trunk failure

Slots	2 control, 8 service	**Max PON ports**	128 GPON or 128 EPON or 64 10G-EPON
Max uplinks	96 × 10G	**Backplane**	4 Tbps; MAC table 128K
Max split	1:128	**Power**	AC 90–264 V / DC 36–72 V, dual hot-swap
Dimensions	533.1 × 482.6 × 548 mm	**Operating temp.**	0 – 45 °C

NJO-7308 Multi-PON chassis OLT, 8 service slots



CHASSIS OLT

NJO-7502

XGS-PON chassis OLT, 2 service slots

Compact modular chassis for up to 32 GPON or XG(S)-PON ports.

32	1.8T	2+2
PON ports	backplane	redundancy

- GPON, XG-PON, XGS-PON and combo service cards
- Fully modular: hot-swappable control, service, power and fan modules
- Dual control boards and redundant power (AC, DC or mixed) for carrier-grade uptime
- Single platform for FTTH, FTTB, FTTO and passive optical LAN

Slots	2 control, 2 service, 2 power, 1 fan	**Max PON ports**	32 GPON / XG(S)-PON / combo
Max uplinks	8 × 10G, 4 × 100G	**Max split**	1:256
Backplane	1.8 Tbps	**Power**	Dual AC / DC / mixed, hot-swap
Operating temp.	0 – 45 °C		

NJO-7502 XGS-PON chassis OLT, 2 service slots



CHASSIS OLT

NJO-7507

XGS-PON chassis OLT, 7 service slots

Carrier-class chassis for up to 112 PON ports and 14 × 100G uplinks.

112	7.6T	14×100G
PON ports	backplane	uplinks

- GPON, XG-PON, XGS-PON and combo service cards
- Fully modular: hot-swappable control, service, power and fan modules
- Dual control boards and redundant power (AC, DC or mixed) for carrier-grade uptime
- Single platform for FTTH, FTTB, FTTO and passive optical LAN

Slots	2 control, 7 service, 3 power, 1 fan	**Max PON ports**	112 GPON / XG(S)-PON / combo
Max uplinks	28 × 10G, 14 × 100G	**Max split**	1:256
Backplane	7.6 Tbps	**Power**	Up to 3 hot-swap AC / DC modules
Operating temp.	0 – 45 °C		

NJO-7507 XGS-PON chassis OLT, 7 service slots



ONU / ONT

NJU-1101

1-port GPON/EPON SFU

Compact single-port ONU for FTTH and fibre-to-the-desk.

1 × GE LAN

Dual-mode G/EPON

Pocket size

- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach
- VLAN, QoS, ACL, port isolation and storm control
- Remote provisioning and management from the OLT

PON	1 × GPON/EPON auto-adaptive (SC/UPC)	LAN	1 × GE RJ45
Power	12 V DC / 0.5 A adapter	Dimensions	80 × 75 × 25 mm
Housing	Plastic, desktop/wall		

NJU-1101 1-port GPON/EPON SFU



ONU / ONT

NJU-1104

4-port GPON/EPON SFU

Four-port bridge ONU for small offices and FTTB.

4 × GE LAN

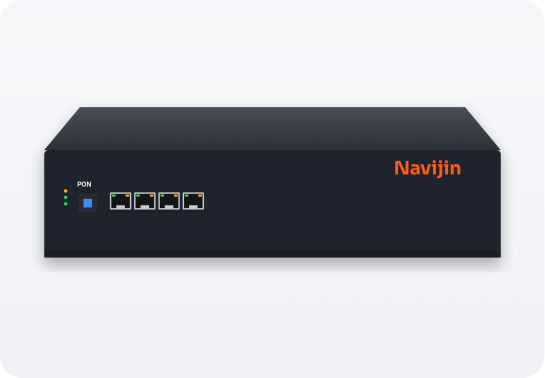
Dual-mode G/EPON

FTTB/O ready

- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach
- VLAN, QoS, ACL, port isolation and storm control
- Remote provisioning and management from the OLT

PON	1 × GPON/EPON auto-adaptive (SC/UPC)	LAN	4 × GE RJ45
Power	12 V DC adapter	Dimensions	140 × 105 × 30 mm
Housing	Plastic		

NJU-1104 4-port GPON/EPON SFU



ONU / ONT

NJU-1104R

4-port outdoor wide-temperature ONU

Hardened ONU for street cabinets, poles and outdoor sites.

Outdoor rated

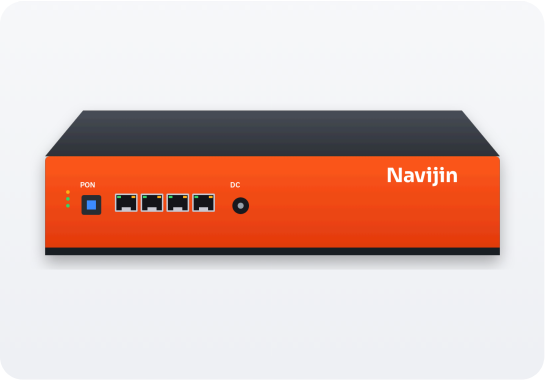
AC powered

4 × GE LAN

- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach
- VLAN, QoS, ACL, port isolation and storm control
- Remote provisioning and management from the OLT

PON	1 × GPON (SC/UPC)	LAN	4 × GE RJ45
Power	AC 220 V, < 6 W	Dimensions	238 × 140 × 32 mm
Housing	Metal, outdoor wide-temperature		

NJU-1104R 4-port outdoor wide-temperature ONU



ONU / ONT

NJU-2104

4-port PoE ONU

Powers cameras and access points directly from the fibre terminal.

4 × PoE+ ports

60 W budget

Metal housing

- PoE status monitoring and per-port control
- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach
- VLAN, QoS, ACL, port isolation and storm control

PON	1 × GPON (SC/UPC)	LAN	4 × GE RJ45 with PoE/PoE+ (802.3af/at)
PoE budget	60 W	Power	53.5 V DC / 1.2 A adapter
Dimensions	170 × 98 × 28 mm	Housing	Metal

NJU-2104 4-port PoE ONU



ONU / ONT

NJU-4202

Dual-band Wi-Fi 5 HGU with voice

Home gateway ONU with AC1200 Wi-Fi, voice port and USB.

AC1200
Wi-Fi 5

POTS
voice

USB
port

- Multiple SSIDs with WPA/WPA2 encryption
- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach
- VLAN, QoS, ACL, port isolation and storm control

PON	1 × GPON/EPON auto-adaptive (SC/UPC)	**LAN**	2 × GE RJ45
Wi-Fi	802.11b/g/n/ac dual band, up to 1200 Mbps, 2 external antennas	**Voice**	1 × POTS (SIP)
Other	1 × USB	**Power**	12 V DC adapter, < 12 W
Dimensions	140 × 105 × 30 mm		

NJU-4202 Dual-band Wi-Fi 5 HGU with voice



ONU / ONT

NJU-4604

Wi-Fi 6 AX3000 HGU

Gigabit Wi-Fi 6 home and small-office gateway ONU.

AX3000
Wi-Fi 6

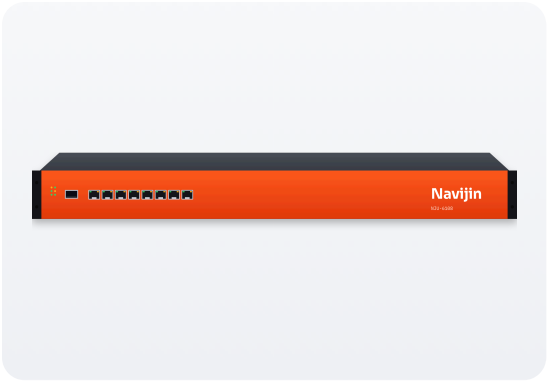
4 × GE
LAN

Remote
managed

- Wi-Fi, WAN and VoIP managed remotely from the OLT
- Multiple SSIDs and WPS
- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach

PON	1 × GPON/EPON auto-adaptive (SC/UPC)	**LAN**	4 × GE RJ45
Wi-Fi	Wi-Fi 6 802.11ax dual band, AX3000, MU-MIMO, 5 external antennas	**Voice**	SIP / H.248 (voice models)
Other	1 × USB	**Power**	12 V DC / 1.5 A adapter, < 18 W
Dimensions	185 × 135 × 36 mm		

NJU-4604 Wi-Fi 6 AX3000 HGU



ONU / ONT

NJU-6108

8-port MDU

Rack/wall MDU for fibre-to-the-building and small enterprises.

8 × GE
LAN

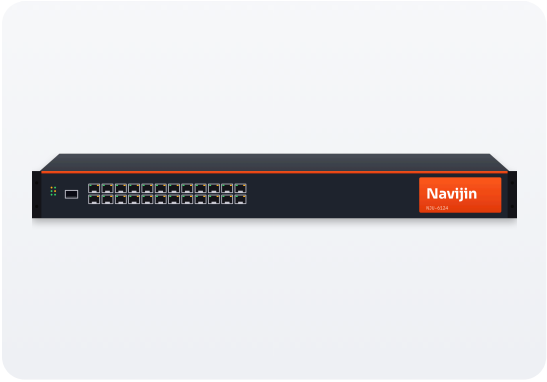
FTTB
MDU

AC
powered

- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach
- VLAN, QoS, ACL, port isolation and storm control
- Remote provisioning and management from the OLT

PON	1 × GPON/EPON (SC/UPC)	**LAN**	8 × GE RJ45
VLAN	4,094 VLANs, RSTP	**Power**	AC 220 V
Dimensions	280 × 180 × 44 mm	**Housing**	Metal

NJU-6108 8-port MDU



ONU / ONT

NJU-6124

24-port MDU

19-inch 24-port MDU for multi-dwelling and office buildings.

24 × GE
LAN

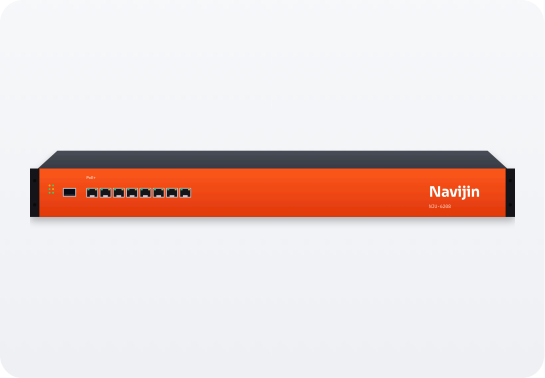
1U
rack

FTTB
MDU

- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach
- VLAN, QoS, ACL, port isolation and storm control
- Remote provisioning and management from the OLT

PON	1 × GPON/EPON (SC/UPC)	**LAN**	24 × GE RJ45
VLAN	4,094 VLANs, RSTP	**Power**	AC 220 V, fan cooled
Dimensions	440 × 210 × 44 mm (1U)		

NJU-6124 24-port MDU



ONU / ONT

NJU-6208

8-port PoE MDU

8 PoE+ ports on fibre: ideal for cameras and Wi-Fi in buildings.

8 × PoE+ ports

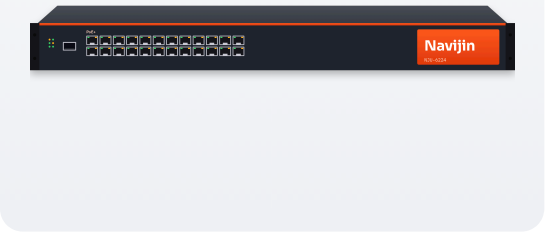
130 W budget

AC powered

- PoE status monitoring and per-port control
- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach
- VLAN, QoS, ACL, port isolation and storm control

PON	1 × GPON/EPON (SC/UPC)	**LAN**	8 × GE RJ45 PoE/PoE+ (802.3af/at)
PoE budget	130 W	**Power**	AC 220 V
Dimensions	280 × 180 × 44 mm	**Housing**	Metal

NJU-6208 8-port PoE MDU



ONU / ONT

NJU-6224

24-port PoE MDU

24 PoE+ ports with a 370 W budget, fed by a single fibre.

24 × PoE+ ports

370 W budget

1U rack

- PoE status monitoring and per-port control
- Auto-adaptive GPON / EPON uplink (SC/UPC)
- GPON 2.5G/1.25G; EPON 1.25G symmetric; up to 20 km reach
- VLAN, QoS, ACL, port isolation and storm control

PON	1 × GPON/EPON (SC/UPC)	**LAN**	24 × GE RJ45 PoE/PoE+ (802.3af/at)
PoE budget	370 W	**Power**	AC 220 V, fan cooled
Dimensions	440 × 210 × 44 mm (1U)		

NJU-6224 24-port PoE MDU

Navijin

ONE BOX AT EVERY EDGE

Gateways & AP Controllers

Multi-WAN gateways that route, secure and authenticate, and also manage the Navijin access points behind them. From a 10-port PoE desktop unit to a 2U campus controller for 3,000 APs.

Desktop Gateway & AP Controller

Compact ARM gateways with optional PoE for shops, offices and small hotels. · 2 models

Rack Gateway & AP Controller

x86 rack gateways with hot standby, for enterprises, hotels and campuses. · 3 models

Industrial Gateway & AP Controller

Wide-temperature DIN-rail gateways for factories, utilities and transport. · 1 models

Selection guide

Desktop Gateway & AP Controller

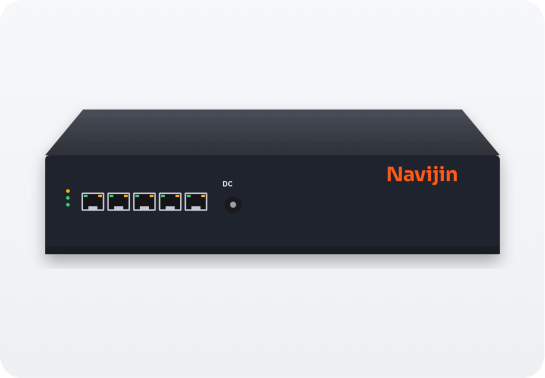
Model	Processor	Memory / flash	Ports	Users
NJR-3105	Dual-core ARM network SoC	512 MB DDR3 / 128 MB	5 × 10/100/1000 Mbps RJ45, software-defined WAN/LAN	Up to 200
NJR-3110P	MIPS network SoC with Gigabit switch	256 MB DDR3 / 16 MB	10 × 10/100/1000 Mbps RJ45, software-defined WAN/LAN (up to 9 WAN)	Up to 120

Rack Gateway & AP Controller

Model	Processor	Memory	Storage	Ports
NJR-5106	Intel quad-core 2.0 GHz, 2 MB cache	2 GB DDR3L (max 8 GB)	32 GB mSATA SSD + 1 × 3.5" drive bay	6 × 10/100/1000 Mbps RJ45 (Intel I210), software-defined WAN/LAN
NJR-5206	Intel quad-core 2.0 GHz, 10 nm, 1.5 MB cache	4 GB DDR4-3200 (max 32 GB)	1 GB SLC CF card + 1 × 2.5" drive bay	6 × 2.5G RJ45 (Intel I225), software-defined WAN/LAN
NJR-9208X	Intel 6-core 3.1 GHz, 12 MB cache	16 GB DDR4-3200 (4 slots, max 128 GB)	1 TB 3.5" HDD (2 bays), M.2 SATA and mSATA slots	8 × 2.5G RJ45 (Intel I225), software-defined WAN/LAN

Industrial Gateway & AP Controller

Model	Processor	Memory	Storage	Ports
NJR-7107	Intel quad-core 1.91 GHz, 22 nm, 2 MB cache	8 GB DDR3L	64 GB industrial mSATA SSD + SATA port	7 × 1G RJ45 (Intel I210), software-defined WAN/LAN; option: 4 of the 7 as 1G SFP



DESKTOP GATEWAY & AP CONTROLLER

NJR-3105

5-port Gigabit gateway & AP controller

Compact desktop gateway and AP controller for shops, offices and small hotels.

5 GE ports

300 APs

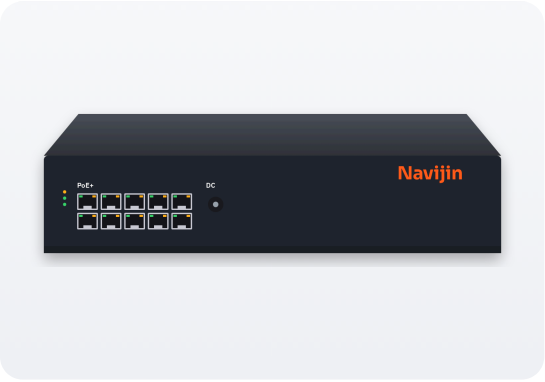
200 users

- Three operating modes: gateway, gateway + AP controller, or AP controller only
- Multi-WAN bandwidth stacking (PPPoE, DHCP, static IP), multi-dial on one line, WAN groups; IPv4 and IPv6
- Policy routing, load balancing, line speed test and ping detection, with policy-routing logs
- LAN VLANs for data isolation, DNS proxy, LACP and manual port aggregation

Processor	Dual-core ARM network SoC
Ports	5 × 10/100/1000 Mbps RJ45, software-defined WAN/LAN
Managed APs	200 (gateway + AC mode), 300 (AC-only mode)
Dimensions	284 × 178 × 44 mm
Storage temp.	-40 – 70 °C

Memory / flash	512 MB DDR3 / 128 MB
Users	Up to 200
Power	AC 100–240 V, 50 Hz
Operating temp.	-20 – 50 °C, 5–90% RH non-condensing

NJR-3105 5-port Gigabit gateway & AP controller



DESKTOP GATEWAY & AP CONTROLLER

NJR-3110P

10-port Gigabit PoE gateway & AP controller

All-in-one router, 8-port PoE switch and AP controller: one box powers and manages the APs and cameras.

8 PoE ports

96 W PoE budget

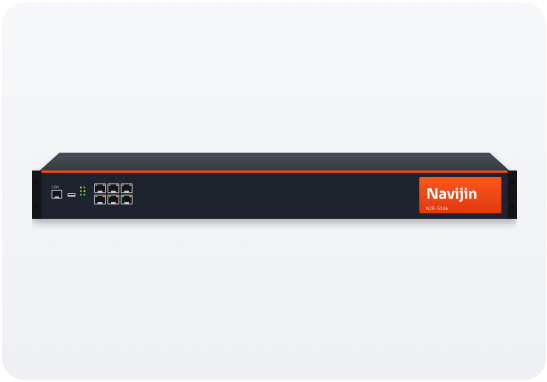
200 APs

- Three operating modes: gateway, gateway + AP controller, or AP controller only
- Multi-WAN bandwidth stacking (PPPoE, DHCP, static IP), multi-dial on one line, WAN groups; IPv4 and IPv6
- Policy routing, load balancing, line speed test and ping detection, with policy-routing logs
- LAN VLANs for data isolation, DNS proxy, LACP and manual port aggregation

Processor	MIPS network SoC with Gigabit switch
Ports	10 × 10/100/1000 Mbps RJ45, software-defined WAN/LAN (up to 9 WAN)
Users	Up to 120
Power	48 V / 2 A DC, 96 W
Operating temp.	-20 – 50 °C, 5–90% RH non-condensing

Memory / flash	256 MB DDR3 / 16 MB
PoE	8 ports IEEE 802.3af/at, 96 W total budget
Managed APs	100 (gateway + AC mode), 200 (AC-only mode)
Dimensions	218 × 130 × 35 mm
Storage temp.	-40 – 70 °C

NJR-3110P 10-port Gigabit PoE gateway & AP controller



RACK GATEWAY & AP CONTROLLER

NJR-5106

1U 6-port Gigabit gateway & AP controller

x86 rack gateway with hot standby for hotels, schools and mid-size offices.

2,000 APs

500 users

HA hot standby

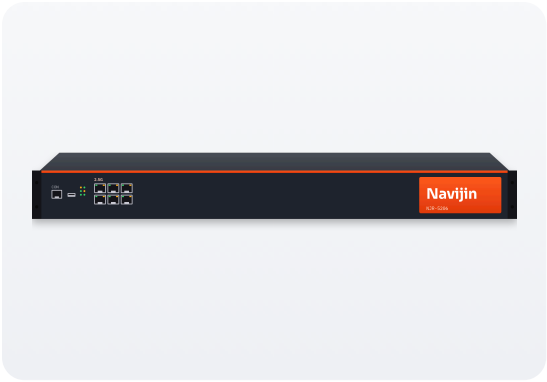
- Three operating modes: gateway, gateway + AP controller, or AP controller only
- Multi-WAN bandwidth stacking (PPPoE, DHCP, static IP), multi-dial on one line, WAN groups; IPv4 and IPv6
- Policy routing, load balancing, line speed test and ping detection, with policy-routing logs
- LAN VLANs for data isolation, DNS proxy, LACP and manual port aggregation

Processor	Intel quad-core 2.0 GHz, 2 MB cache	**Memory**	2 GB DDR3L (max 8 GB)
Storage	32 GB mSATA SSD + 1 × 3.5" drive bay	**Ports**	6 × 10/100/1000 Mbps RJ45 (Intel I210), software-defined WAN/LAN
Other I/O	2 × USB 3.0, 1 × RJ45 console	**Users**	Up to 500
Managed APs	500 (gateway + AC mode), 2,000 (AC-only mode)	**Power**	AC 100–264 V, 65 W
Dimensions	430 × 300 × 44.5 mm (1U, 19")	**Weight**	5.5 kg
Operating temp.	0 – 50 °C, 5–85% RH non-condensing		

NJR-5106 1U 6-port Gigabit gateway & AP controller

More features

- QoS by bandwidth, application priority, IP/domain and protocol
- Access control, ARP defense, MAC filtering, connection limits and DDoS protection
- Behavior management by time group, IP group, domain and application
- VPN server and client: IPsec, L2TP, PPTP, OpenVPN
- Captive web portal, PPPoE, RADIUS and SMS authentication with user management
- HA hot standby (master/backup) with link and interface monitoring
- AP management: AP list, wireless templates, AP groups, allow/deny lists, bulk firmware upgrade, DHCP defense, AP logs
- Port mapping, UPnP, DMZ, NAT and NAT fast forwarding, DDNS, port mirroring, Wake-on-LAN
- Diagnostics: ping, traceroute and packet capture, with fault alerts
- Web management with site topology, device groups and alarms



RACK GATEWAY & AP CONTROLLER

NJR-5206

1U 6-port 2.5G gateway & AP controller

Multi-gigabit x86 gateway for 1,000 users and 2,000 access points.

6 × 2.5G ports

2,000 APs

1,000 users

- Three operating modes: gateway, gateway + AP controller, or AP controller only
- Multi-WAN bandwidth stacking (PPPoE, DHCP, static IP), multi-dial on one line, WAN groups; IPv4 and IPv6
- Policy routing, load balancing, line speed test and ping detection, with policy-routing logs
- LAN VLANs for data isolation, DNS proxy, LACP and manual port aggregation

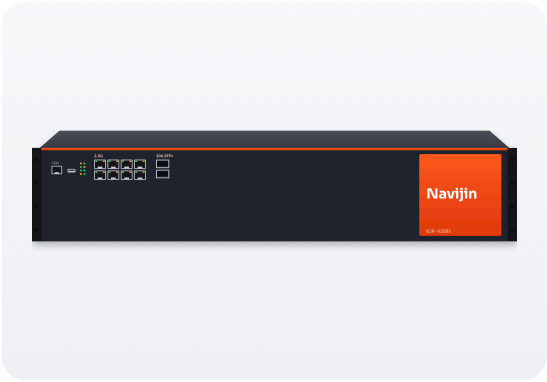
Processor	Intel quad-core 2.0 GHz, 10 nm, 1.5 MB cache
Storage	1 GB SLC CF card + 1 × 2.5" drive bay
Other I/O	2 × USB 3.0, 1 × RJ45 console
Managed APs	1,000 (gateway + AC mode), 2,000 (AC-only mode)
Dimensions	430 × 300 × 44.5 mm (1U, 19")
Operating temp.	0 – 50 °C, 5–85% RH non-condensing

Memory	4 GB DDR4-3200 (max 32 GB)
Ports	6 × 2.5G RJ45 (Intel I225), software-defined WAN/LAN
Users	Up to 1,000
Power	AC 100–264 V, 65 W
Weight	5.5 kg

NJR-5206 1U 6-port 2.5G gateway & AP controller

More features

- QoS by bandwidth, application priority, IP/domain and protocol
- Access control, ARP defense, MAC filtering, connection limits and DDoS protection
- Behavior management by time group, IP group, domain and application
- VPN server and client: IPsec, L2TP, PPTP, OpenVPN
- Captive web portal, PPPoE, RADIUS and SMS authentication with user management
- HA hot standby (master/backup) with link and interface monitoring
- AP management: AP list, wireless templates, AP groups, allow/deny lists, bulk firmware upgrade, DHCP defense, AP logs
- Port mapping, UPnP, DMZ, NAT and NAT fast forwarding, DDNS, port mirroring, Wake-on-LAN
- Diagnostics: ping, traceroute and packet capture, with fault alerts
- Web management with site topology, device groups and alarms



RACK GATEWAY & AP CONTROLLER

NJR-9208X

2U 8-port 2.5G + 10G SFP+ campus gateway & AP controller

Campus-scale gateway and controller for 3,000 users and 3,000 APs, with optional 10G SFP+ and redundant power.

3,000
APs

10G
SFP+ option

2U
rack

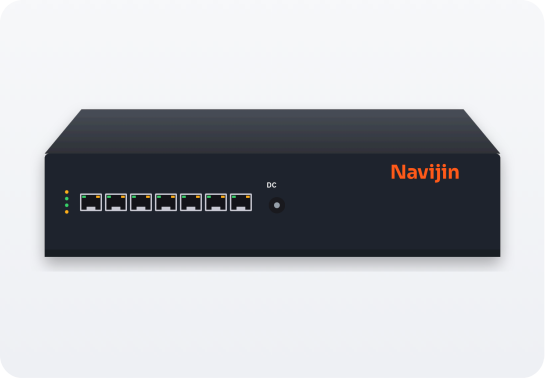
- Three operating modes: gateway, gateway + AP controller, or AP controller only
- Multi-WAN bandwidth stacking (PPPoE, DHCP, static IP), multi-dial on one line, WAN groups; IPv4 and IPv6
- Policy routing, load balancing, line speed test and ping detection, with policy-routing logs
- LAN VLANs for data isolation, DNS proxy, LACP and manual port aggregation

Processor	Intel 6-core 3.1 GHz, 12 MB cache	**Memory**	16 GB DDR4-3200 (4 slots, max 128 GB)
Storage	1 TB 3.5" HDD (2 bays), M.2 SATA and mSATA slots	**Ports**	8 × 2.5G RJ45 (Intel I225), software-defined WAN/LAN
Options	2 / 4 / 6 × 10G SFP+; redundant power supply	**Other I/O**	2 × USB 3.0, 1 × RJ45 console
Users	Up to 3,000	**Managed APs**	2,000 (gateway + AC mode), 3,000 (AC-only mode)
Power	AC 100–264 V, 250 W	**Dimensions**	440 × 550 × 88 mm (2U, 19")
Weight	10 kg	**Operating temp.**	0 – 50 °C, 5–85% RH non-condensing

NJR-9208X 8 × 2.5G RJ45, single PSU · **NJR-9208X-2S** + 2 × 10G SFP+ · **NJR-9208X-4S** + 4 × 10G SFP+ · **NJR-9208X-6S** + 6 × 10G SFP+ · **-RP** Redundant PSU option (append to any model)

More features

- QoS by bandwidth, application priority, IP/domain and protocol
- Access control, ARP defense, MAC filtering, connection limits and DDoS protection
- Behavior management by time group, IP group, domain and application
- VPN server and client: IPsec, L2TP, PPTP, OpenVPN
- Captive web portal, PPPoE, RADIUS and SMS authentication with user management
- HA hot standby (master/backup) with link and interface monitoring
- AP management: AP list, wireless templates, AP groups, allow/deny lists, bulk firmware upgrade, DHCP defense, AP logs
- Port mapping, UPnP, DMZ, NAT and NAT fast forwarding, DDNS, port mirroring, Wake-on-LAN
- Diagnostics: ping, traceroute and packet capture, with fault alerts
- Web management with site topology, device groups and alarms



INDUSTRIAL GATEWAY & AP CONTROLLER

NJR-7107

Industrial 7-port gateway & AP controller, -40 to 80 °C

Fanless DIN-rail gateway for factories, utilities, transport and outdoor cabinets.

-40~80 °C
operating

DIN
rail

2,000
APs

- Three operating modes: gateway, gateway + AP controller, or AP controller only
- Multi-WAN bandwidth stacking (PPPoE, DHCP, static IP), multi-dial on one line, WAN groups; IPv4 and IPv6
- Policy routing, load balancing, line speed test and ping detection, with policy-routing logs
- LAN VLANs for data isolation, DNS proxy, LACP and manual port aggregation

Processor	Intel quad-core 1.91 GHz, 22 nm, 2 MB cache	**Memory**	8 GB DDR3L
Storage	64 GB industrial mSATA SSD + SATA port	**Ports**	7 × 1G RJ45 (Intel I210), software-defined WAN/LAN; option: 4 of the 7 as 1G SFP
Other I/O	2 × USB 2.0, RJ45 console, RS485 (3-pin terminal), VGA	**Cellular**	Optional 4G (Mini PCIe)
Users	Up to 1,000	**Managed APs**	500 (gateway + AC mode), 2,000 (AC-only mode)
Power	Dual 9–36 V DC inputs with power-fail alarm (6-pin terminal); 12 V / 5 A adapter	**Mounting**	DIN rail
Dimensions	158 × 122 × 61 mm	**Weight**	3.5 kg
Operating temp.	-40 – 80 °C, 5–85% RH non-condensing	**Storage temp.**	-40 – 85 °C

NJR-7107 7 × 1G RJ45 · **NJR-7107-4F** 3 × 1G RJ45 + 4 × 1G SFP · **-L** 4G module option (append)

More features

- QoS by bandwidth, application priority, IP/domain and protocol
- Access control, ARP defense, MAC filtering, connection limits and DDoS protection
- Behavior management by time group, IP group, domain and application
- VPN server and client: IPsec, L2TP, PPTP, OpenVPN
- Captive web portal, PPPoE, RADIUS and SMS authentication with user management
- HA hot standby (master/backup) with link and interface monitoring
- AP management: AP list, wireless templates, AP groups, allow/deny lists, bulk firmware upgrade, DHCP defense, AP logs
- Port mapping, UPnP, DMZ, NAT and NAT fast forwarding, DDNS, port mirroring, Wake-on-LAN
- Diagnostics: ping, traceroute and packet capture, with fault alerts
- Web management with site topology, device groups and alarms

Navijin

INTERNET ANYWHERE

4G / 5G Routers

4G and 5G routers and CPEs for homes, remote offices, vehicles and industrial sites, with wired-first failover so the network stays up when the fixed line drops.

4G LTE Router

4G routers and CPEs for homes, offices and backup WAN. · 1 models

Industrial 4G Router

Metal-housing 4G routers with serial ports and wide-voltage power. · 2 models

5G CPE

Wi-Fi 6 5G CPEs for fixed wireless access and 5G failover. · 2 models

Selection guide

4G LTE Router

Model	Cellular	Wi-Fi	Ports	SIM
NJL-1503	4G LTE Cat 6, 3G WCDMA, GSM; auto/manual APN	802.11ac dual band: 300 Mbps (2.4 GHz) + 900 Mbps (5 GHz), 1200 Mbps total	1 × WAN/LAN + 2 × LAN RJ45	1 × SIM slot; option: SIM + eSIM

Industrial 4G Router

Model	Cellular	Wi-Fi	Ports	SIM
NJL-3404	4G LTE Cat 4 (150 / 50 Mbps), TDD/FDD	802.11n 2.4 GHz, 300 Mbps, about 30 m open area	1 × WAN/LAN + 4 × LAN 10/100 Mbps RJ45; 1 × RS232/485	Mini-SIM + eSIM
NJL-3505	4G LTE Cat 4 (150 / 50 Mbps)	802.11ac 2×2 dual band: 300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)	1 × WAN/LAN + 4 × LAN 10/100/1000 Mbps RJ45; 1 × RS232/485	Mini-SIM + eSIM

5G CPE

Model	5G / 4G	Cellular speed	Wi-Fi	Ports
NJL-5603	5G SA/NSA, LTE-FDD/TDD, WCDMA; regional band variants (Middle East / Asia, Europe / South America)	5G SA up to 2 Gbps down / 1 Gbps up; NSA 2.2 Gbps / 575 Mbps; LTE 600 / 150 Mbps	802.11ax dual band: 600 Mbps (2.4 GHz) + 1200 Mbps (5 GHz)	1 × WAN + 2 × LAN 10/100/1000 Mbps RJ45
NJL-5603P	5G SA/NSA with 4G/3G fallback	–	802.11ax dual band, 1800 Mbps	1 × WAN + 2 × LAN 10/100/1000 Mbps RJ45



4G LTE ROUTER

NJL-1503

4G Cat 6 dual-band Wi-Fi 5 router

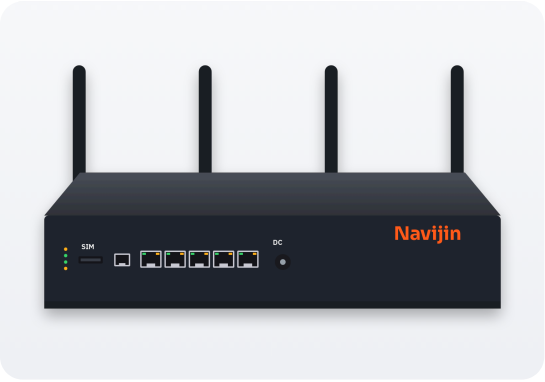
Plug-and-play 4G router for homes and small offices, with wired WAN backup.

Cat 6	1200	50+
4G	Mbps Wi-Fi	users

- Modes: WAN only, 4G only, WAN first with 4G backup
- Guest SSID, hidden SSID, scheduled Wi-Fi
- Mesh networking and parental control
- MAC and IP filtering

Cellular	4G LTE Cat 6, 3G WCDMA, GSM; auto/manual APN	**Wi-Fi**	802.11ac dual band: 300 Mbps (2.4 GHz) + 900 Mbps (5 GHz), 1200 Mbps total
Ports	1 × WAN/LAN + 2 × LAN RJ45	**SIM**	1 × SIM slot; option: SIM + eSIM
Users	50+	**Antennas**	Internal 5 dBi Wi-Fi MIMO; internal 5 dBi 4G, optional external
Memory / flash	256 MB / 16 MB	**Power**	12 V / 1.5 A DC, < 12 W
Dimensions	178 × 125 × 33 mm	**Operating temp.**	-20 – 40 °C

NJL-1503 4G Cat 6 dual-band Wi-Fi 5 router



INDUSTRIAL 4G ROUTER

NJL-3404

Industrial 4G router with RS232/485, Wi-Fi 4

Rugged 4G router for kiosks, vending, pump stations and remote telemetry.

-40~70 °C	RS485	9–48 V
operating	serial	DC

- 4G LTE Cat 4: up to 150 Mbps down / 50 Mbps up
- Physical SIM + eSIM for carrier redundancy
- Wired-first with automatic 4G failover
- RS232 / RS485 serial port for PLCs, meters and sensors

Cellular	4G LTE Cat 4 (150 / 50 Mbps), TDD/FDD	**Wi-Fi**	802.11n 2.4 GHz, 300 Mbps, about 30 m open area
Ports	1 × WAN/LAN + 4 × LAN 10/100 Mbps RJ45; 1 × RS232/485	**SIM**	Mini-SIM + eSIM
Users	Up to 20	**Antennas**	2 × external 5 dBi 4G, 2 × external 5 dBi Wi-Fi
Memory / flash	128 MB / 16 MB	**Power**	9–48 V DC, terminal block, reverse-polarity protected
Dimensions	140 × 90 × 30 mm	**Weight**	0.3 kg
Operating temp.	-40 – 70 °C, 5–95% RH non-condensing		

NJL-3404 Industrial 4G router with RS232/485, Wi-Fi 4



INDUSTRIAL 4G ROUTER

NJL-3505

Industrial 4G router with RS232/485, Wi-Fi 5 and Gigabit

Industrial 4G router with dual-band Wi-Fi and five Gigabit ports for cameras and controllers.

5 × GE
ports

1200
Mbps Wi-Fi

64
users

- RS485/232 to MQTT transparent transmission
- 4G LTE Cat 4: up to 150 Mbps down / 50 Mbps up
- Physical SIM + eSIM for carrier redundancy
- Wired-first with automatic 4G failover

Cellular	4G LTE Cat 4 (150 / 50 Mbps)
Ports	1 × WAN/LAN + 4 × LAN 10/100/1000 Mbps RJ45; 1 × RS232/485
Users	Up to 64
Memory / flash	256 MB / 16 MB
Dimensions	140 × 90 × 30 mm
Operating temp.	-40 – 70 °C, 5–95% RH non-condensing

Wi-Fi	802.11ac 2×2 dual band: 300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)
SIM	Mini-SIM + eSIM
Antennas	2 × external 5 dBi 4G, 2 × external 5 dBi Wi-Fi
Power	9–48 V DC terminal block or 48 V PoE in
Weight	0.4 kg

NJL-3505 Industrial 4G router with RS232/485, Wi-Fi 5 and Gigabit



5G CPE

NJL-5603

5G Wi-Fi 6 CPE

5G fixed-wireless CPE for rural homes, remote offices, events and 5G failover.

2 Gbps
5G SA

Wi-Fi 6
1800 Mbps

100+
users

- 5G SA/NSA with 4G LTE and 3G fallback; wired WAN first, 5G backup
- Wi-Fi 6 dual band 1800 Mbps (600 + 1200 Mbps), band steering to 5 GHz
- Mesh button: add units to extend coverage
- Plug and play: insert SIM, power on

5G / 4G	5G SA/NSA, LTE-FDD/TDD, WCDMA; regional band variants (Middle East / Asia, Europe / South America)
Wi-Fi	802.11ax dual band: 600 Mbps (2.4 GHz) + 1200 Mbps (5 GHz)
Users	100+
Memory / flash	256 MB DDR3 / 16 MB
Dimensions	108 × 108 × 216 mm

Cellular speed	5G SA up to 2 Gbps down / 1 Gbps up; NSA 2.2 Gbps / 575 Mbps; LTE 600 / 150 Mbps
Ports	1 × WAN + 2 × LAN 10/100/1000 Mbps RJ45
Antennas	Internal 5 dBi MIMO
Power	12 V / 2 A DC, < 20 W
Operating temp.	-20 – 55 °C

NJL-5603-ME Middle East / Asia bands · **NJL-5603-EU** Europe / South America bands



5G CPE

NJL-5603P

5G Wi-Fi 6 CPE with PoE output

5G Wi-Fi 6 CPE that also powers a camera or access point from its LAN port.

PoE
out

Wi-Fi 6
1800 Mbps

5G
SA/NSA

- 5G SA/NSA with 4G LTE and 3G fallback; wired WAN first, 5G backup
- Wi-Fi 6 dual band 1800 Mbps (600 + 1200 Mbps), band steering to 5 GHz
- Mesh button: add units to extend coverage
- Plug and play: insert SIM, power on

5G / 4G	5G SA/NSA with 4G/3G fallback	**Wi-Fi**	802.11ax dual band, 1800 Mbps
Ports	1 × WAN + 2 × LAN 10/100/1000 Mbps RJ45	**PoE out**	1 LAN port, 48 V

NJL-5603P 5G Wi-Fi 6 CPE with PoE output

Navijin

PROTECT EVERY EDGE

Network Security

Intrusion prevention systems and secure Internet gateways that identify users and applications, block threats and keep bandwidth for the business, from branch offices to data-center edges. They complement Navijin firewalls.

Intrusion Prevention (IPS)

Inline intrusion detection and prevention appliances. · 3 models

Secure Internet Gateway

User and application-aware Internet access control, filtering and bandwidth management. · 8 models

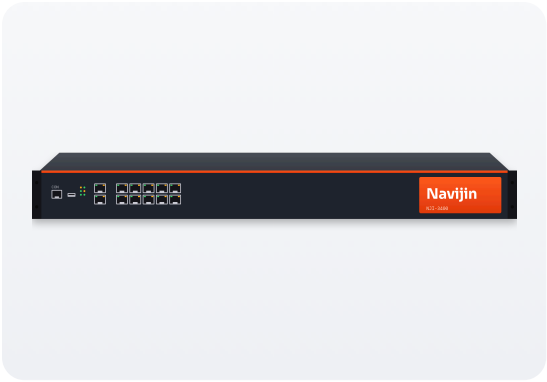
Selection guide

Intrusion Prevention (IPS)

Model	Interfaces	Throughput	Concurrent sessions	Power
NJI-3400	2 × GE combo, 10 × GE RJ45, 1 bypass pair, 1 × USB	4 Gbps	2 million	Built-in dual AC, max 25 W
NJI-5100	2 × 10G SFP+, 2 × GE SFP, 8 × GE RJ45, 2 bypass pairs	10 Gbps	4 million	Built-in dual AC, max 75 W
NJI-7400	4 × 10G SFP+, 12 × GE SFP, 12 × GE RJ45, 2 bypass pairs, 1 × USB	40 Gbps	10 million	Built-in dual AC, max 300 W

Secure Internet Gateway

Model	Interfaces	Throughput	Storage	Power
NJG-1200	1 × GE SFP, 10 × GE RJ45, 1 × USB	1 Gbps	32 GB built-in	Built-in AC 220 V, max 25 W
NJG-3400	2 × GE combo, 10 × GE RJ45, 1 bypass pair, 1 × USB	4 Gbps	500 GB HDD	Built-in dual AC, max 25 W
NJG-3500	4 × GE SFP, 8 × GE RJ45, 2 bypass pairs, 2 × USB 3.0	5 Gbps	1 TB	Built-in AC, max 40 W
NJG-3900	12 × GE SFP, 12 × GE RJ45, 1 bypass pair, 1 × USB, 1 × TF	10 Gbps	500 GB HDD	Built-in dual AC, max 120 W
NJG-5100	2 × 10G SFP+, 2 × GE SFP, 8 × GE RJ45, 2 bypass pairs, 2 × USB	10 Gbps	1 TB	Built-in dual AC, max 75 W
NJG-5200	4 × 10G SFP+, 4 × GE SFP, 16 × GE RJ45, 2 bypass pairs, 2 × USB	20 Gbps	2 TB	Dual hot-swap AC, max 75 W
NJG-7400	4 × 10G SFP+, 12 × GE SFP, 12 × GE RJ45, 2 bypass pairs, 1 × MGMT	40 Gbps	1 TB HDD	Built-in dual AC, max 300 W
NJG-7800	8 × 10G SFP+, 12 × GE SFP, 12 × GE RJ45, 2 bypass pairs, 1 × MGMT	80 Gbps	1 TB HDD	Built-in dual AC, max 300 W



INTRUSION PREVENTION (IPS)

NJI-3400

1U intrusion prevention system, 4 Gbps

Inline IPS for SME and branch network perimeters.

4G	2M	Bypass
throughput	sessions	built in

- Inline intrusion detection and prevention with real-time signature updates
- Application identification for 4,000+ applications covering over 95% of traffic
- Antivirus with heuristic detection of unknown threats
- Protection against floods, scans, worms and protocol anomalies

Interfaces	2 × GE combo, 10 × GE RJ45, 1 bypass pair, 1 × USB	Throughput	4 Gbps
Concurrent sessions	2 million	Power	Built-in dual AC, max 25 W
Dimensions	440 × 263 × 44 mm (1U)	Operating temp.	0 – 50 °C

NJI-3400 1U intrusion prevention system, 4 Gbps



INTRUSION PREVENTION (IPS)

NJI-5100

1U IPS with 10G ports

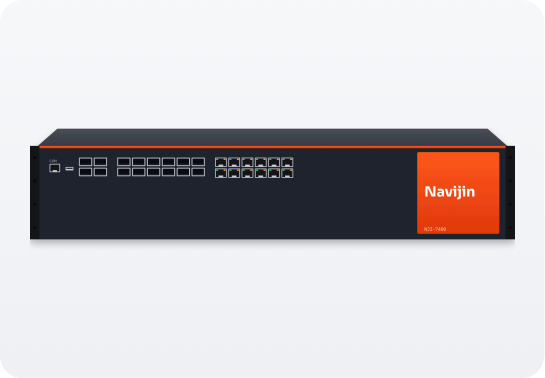
10 Gbps IPS with 10G interfaces and 1 TB log storage.

10G	4M	1 TB
throughput	sessions	logs

- Inline intrusion detection and prevention with real-time signature updates
- Application identification for 4,000+ applications covering over 95% of traffic
- Antivirus with heuristic detection of unknown threats
- Protection against floods, scans, worms and protocol anomalies

Interfaces	2 × 10G SFP+, 2 × GE SFP, 8 × GE RJ45, 2 bypass pairs	Expansion	2 slots
Throughput	10 Gbps	Concurrent sessions	4 million
Storage	1 TB	Power	Built-in dual AC, max 75 W
Dimensions	440 × 330 × 44 mm (1U)	Operating temp.	0 – 50 °C

NJI-5100 1U IPS with 10G ports



INTRUSION PREVENTION (IPS)

NJI-7400

IPS, 40 Gbps

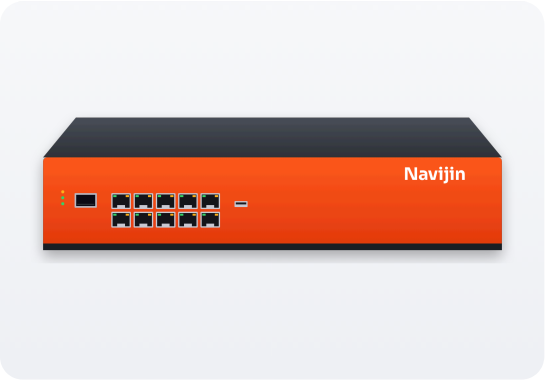
High-performance IPS for data centers and large campus edges.

40G	10M	4 × 10G
throughput	sessions	ports

- Inline intrusion detection and prevention with real-time signature updates
- Application identification for 4,000+ applications covering over 95% of traffic
- Antivirus with heuristic detection of unknown threats
- Protection against floods, scans, worms and protocol anomalies

Interfaces	4 × 10G SFP+, 12 × GE SFP, 12 × GE RJ45, 2 bypass pairs, 1 × USB	**Throughput**	40 Gbps
Concurrent sessions	10 million	**Power**	Built-in dual AC, max 300 W
Dimensions	440 × 415 × 44 mm	**Weight**	6.5 kg
Operating temp.	0 – 50 °C		

NJI-7400 IPS, 40 Gbps



SECURE INTERNET GATEWAY

NJG-1200

Desktop secure Internet gateway

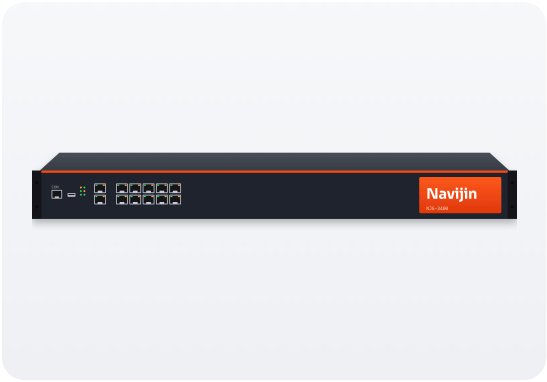
User and application control for small offices, cafés and schools.

1G	11	Desktop
throughput	ports	

- Visibility and control of users, applications and websites
- URL filtering, application blocking and time-based policies
- Bandwidth management to stop P2P, video and gaming from starving business apps
- Authentication via RADIUS, LDAP, web portal and IP/MAC binding

Interfaces	1 × GE SFP, 10 × GE RJ45, 1 × USB	**Throughput**	1 Gbps
Storage	32 GB built-in	**Form factor**	Desktop
Power	Built-in AC 220 V, max 25 W	**Dimensions**	320 × 205 × 44 mm
Operating temp.	0 – 50 °C		

NJG-1200 Desktop secure Internet gateway



SECURE INTERNET GATEWAY

NJG-3400

1U secure Internet gateway, 4 Gbps

Access control and audit for SMEs, hotels and campuses.

4G
throughput

500 GB
logs

Bypass
built in

- Visibility and control of users, applications and websites
- URL filtering, application blocking and time-based policies
- Bandwidth management to stop P2P, video and gaming from starving business apps
- Authentication via RADIUS, LDAP, web portal and IP/MAC binding

Interfaces	2 × GE combo, 10 × GE RJ45, 1 bypass pair, 1 × USB	**Throughput**	4 Gbps
Storage	500 GB HDD	**Power**	Built-in dual AC, max 25 W
Dimensions	440 × 263 × 44 mm (1U)	**Operating temp.**	0 – 50 °C

NJG-3400 1U secure Internet gateway, 4 Gbps



SECURE INTERNET GATEWAY

NJG-3500

1U secure Internet gateway, 5 Gbps

Access gateway with 1 TB log drive and expansion slots.

5G
throughput

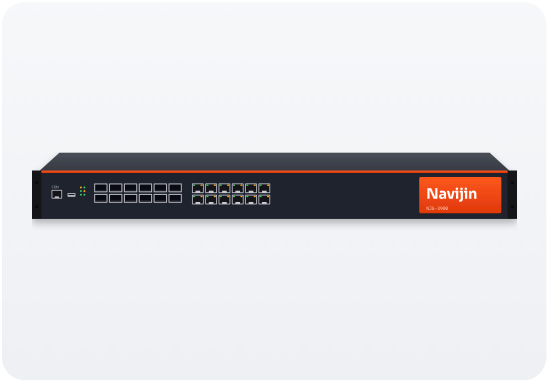
1 TB
logs

2
expansion slots

- Visibility and control of users, applications and websites
- URL filtering, application blocking and time-based policies
- Bandwidth management to stop P2P, video and gaming from starving business apps
- Authentication via RADIUS, LDAP, web portal and IP/MAC binding

Interfaces	4 × GE SFP, 8 × GE RJ45, 2 bypass pairs, 2 × USB 3.0	**Expansion**	2 slots
Throughput	5 Gbps	**Concurrent sessions**	1 million
Storage	1 TB	**Power**	Built-in AC, max 40 W
Dimensions	440 × 415 × 44 mm (1U)	**Operating temp.**	0 – 50 °C

NJG-3500 1U secure Internet gateway, 5 Gbps



SECURE INTERNET GATEWAY

NJG-3900

1U secure Internet gateway, 10 Gbps

24-port secure Internet gateway for large offices and campuses.

10G
throughput

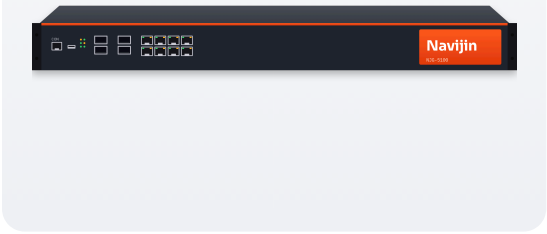
24
GE ports

500 GB
logs

- Visibility and control of users, applications and websites
- URL filtering, application blocking and time-based policies
- Bandwidth management to stop P2P, video and gaming from starving business apps
- Authentication via RADIUS, LDAP, web portal and IP/MAC binding

Interfaces	12 × GE SFP, 12 × GE RJ45, 1 bypass pair, 1 × USB, 1 × TF	**Throughput**	10 Gbps
Storage	500 GB HDD	**Power**	Built-in dual AC, max 120 W
Dimensions	440 × 263 × 44 mm (1U)	**Operating temp.**	0 – 50 °C

NJG-3900 1U secure Internet gateway, 10 Gbps



SECURE INTERNET GATEWAY

NJG-5100

1U secure Internet gateway with 10G ports

10 Gbps secure Internet gateway with 10G SFP+ and 1 TB storage.

10G
throughput

4M
sessions

1 TB
logs

- Visibility and control of users, applications and websites
- URL filtering, application blocking and time-based policies
- Bandwidth management to stop P2P, video and gaming from starving business apps
- Authentication via RADIUS, LDAP, web portal and IP/MAC binding

Interfaces	2 × 10G SFP+, 2 × GE SFP, 8 × GE RJ45, 2 bypass pairs, 2 × USB	**Expansion**	2 slots
Throughput	10 Gbps	**Concurrent sessions**	4 million
Storage	1 TB	**Power**	Built-in dual AC, max 75 W
Dimensions	440 × 330 × 44 mm (1U)	**Operating temp.**	0 – 50 °C

NJG-5100 1U secure Internet gateway with 10G ports



SECURE INTERNET GATEWAY

NJG-5200

1U secure Internet gateway, 20 Gbps

High-capacity secure Internet gateway for universities and large enterprises.

20G throughput

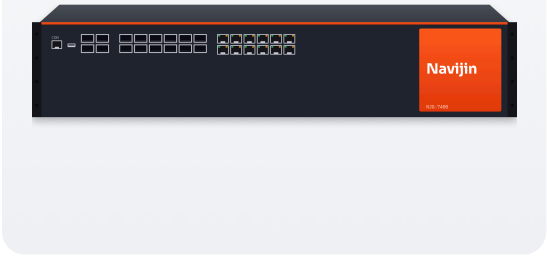
8M sessions

2 TB logs

- Visibility and control of users, applications and websites
- URL filtering, application blocking and time-based policies
- Bandwidth management to stop P2P, video and gaming from starving business apps
- Authentication via RADIUS, LDAP, web portal and IP/MAC binding

Interfaces	4 × 10G SFP+, 4 × GE SFP, 16 × GE RJ45, 2 bypass pairs, 2 × USB	**Expansion**	2 slots
Throughput	20 Gbps	**Concurrent sessions**	8 million
Storage	2 TB	**Power**	Dual hot-swap AC, max 75 W
Dimensions	440 × 330 × 44 mm (1U)	**Operating temp.**	0 – 50 °C

NJG-5200 1U secure Internet gateway, 20 Gbps



SECURE INTERNET GATEWAY

NJG-7400

2U secure Internet gateway, 40 Gbps

Carrier-class secure Internet gateway for ISPs and large campuses.

40G throughput

1 TB logs

2U rack

- Visibility and control of users, applications and websites
- URL filtering, application blocking and time-based policies
- Bandwidth management to stop P2P, video and gaming from starving business apps
- Authentication via RADIUS, LDAP, web portal and IP/MAC binding

Interfaces	4 × 10G SFP+, 12 × GE SFP, 12 × GE RJ45, 2 bypass pairs, 1 × MGMT	**Throughput**	40 Gbps
Storage	1 TB HDD	**Power**	Built-in dual AC, max 300 W
Dimensions	440 × 415 × 88 mm (2U)	**Operating temp.**	0 – 50 °C

NJG-7400 2U secure Internet gateway, 40 Gbps



SECURE INTERNET GATEWAY

NJG-7800

2U secure Internet gateway, 80 Gbps

Flagship secure Internet gateway for service providers.

80G
throughput

8 × 10G
ports

1 TB
logs

- Visibility and control of users, applications and websites
- URL filtering, application blocking and time-based policies
- Bandwidth management to stop P2P, video and gaming from starving business apps
- Authentication via RADIUS, LDAP, web portal and IP/MAC binding

Interfaces	8 × 10G SFP+, 12 × GE SFP, 12 × GE RJ45, 2 bypass pairs, 1 × MGMT	**Throughput**	80 Gbps
Storage	1 TB HDD	**Power**	Built-in dual AC, max 300 W
Dimensions	440 × 415 × 88 mm (2U)	**Operating temp.**	0 – 50 °C

NJG-7800 2U secure Internet gateway, 80 Gbps

Navijin

THE FAST LANE IN THE MIDDLE

Data Center & Core Switching

Leaf and spine switches from 10G to 400G with VXLAN/EVPN, M-LAG and lossless Ethernet for cloud, storage and AI, plus carrier-grade chassis cores with dual supervisors, MPLS VPN and in-service upgrades.

Data Center Switch

10G/25G leaf, 100G and 400G spine and modular data-center switches. · 9 models

Core Chassis Switch

Modular campus and carrier cores with dual supervisors and hot-swap line cards. · 5 models

Selection guide

Data Center Switch

Model	Ports	Switching capacity	Forwarding rate	Power
NJD-3316	16 × 10G SFP+, 8 × 25G SFP28, 4 × 100G QSFP28 (40G or 4 × 10G breakout)	1.52 Tbps	1,130 Mpps	2 power slots, 2 × AC supplies included; 100–240 V AC
NJD-3448X	48 × 10G/1G SFP+, 8 × 100G QSFP28 (40G compatible)	2.56 Tbps	1,920 Mpps	2 hot-swap power slots, 2 × AC supplies included; 100–240 V AC, 50/60 Hz or −36 to −72 V DC
NJD-3448Y	48 × 25G/10G SFP28, 8 × 100G QSFP28 (40G compatible)	4 Tbps	3,000 Mpps	2 hot-swap power slots, 2 × AC supplies included; 100–240 V AC, 50/60 Hz or −36 to −72 V DC
NJD-5532C	32 × 100G QSFP28 (40G compatible), 2 × 10G SFP+	6.4 Tbps	4,800 Mpps	2 power slots, 2 × AC supplies included; 100–240 V AC, 50/60 Hz or −36 to −72 V DC
NJD-7424B	24 × 200G QSFP56, 8 × 400G QSFP-DD	16 Tbps	12,000 Mpps	2 hot-swap slots (1+1), 2 × 1300 W AC included; 100–264 V AC, 50/60 Hz or 190–310 V HVDC
NJD-7448C	48 × 100G QSFP28, 8 × 400G QSFP-DD	16 Tbps	12,000 Mpps	2 hot-swap slots (1+1), 2 × 1300 W AC included; 100–264 V AC, 50/60 Hz or 190–310 V HVDC
NJD-9564D	64 × 400G QSFP-DD	51.2 Tbps	38,000 Mpps	4 hot-swap slots (2+2), 4 × 1300 W AC included; 100–264 V AC, 50/60 Hz or 190–310 V HVDC
NJD-9808	Up to 128 × 100G QSFP28 with 16-port line cards	25.6 Tbps	19,000 Mpps	4 hot-swap slots (2+2); 100–264 V AC, 50/60 Hz or 190–310 V HVDC
NJD-9928D	128 × 400G QSFP112	102.4 Tbps	76,800 Mpps	4 hot-swap slots (2+2), 4 × 2000 W AC included; 100–264 V AC, 50/60 Hz or 190–310 V HVDC

Core Chassis Switch

Model	Slots	Port types	Platform	Power
NJC-6003	3: 2 supervisor slots with built-in ports + 1 universal line-card slot	GE, 10G SFP+, 40G QSFP+, GPON	40G platform; L2/L3 line-rate switching; MPLS VPN; virtual switching system	3 power slots; 100–240 V AC or −48 V DC
NJC-6006	6: 2 supervisor + 4 line-card slots	GE, 10G SFP+, 40G QSFP+, GPON	40G platform; L2/L3 line-rate switching; MPLS VPN; virtual switching system	3 power slots; 100–240 V AC or −48 V DC
NJC-6010	10: 2 supervisor + 8 line-card slots	GE, 10G SFP+, 40G QSFP+, 100G QSFP28, GPON, XGS-PON	40G platform; L2/L3 line-rate switching; MPLS VPN; virtual switching system	3 power slots; 100–240 V AC or −48 V DC; 1300 W supplies for XGS-PON cards
NJC-9008	8: 2 supervisor + 6 line-card slots	GE, GE PoE+, 10G SFP+, 40G QSFP+, 100G QSFP28	100G platform; distributed switching fabric; MPLS VPN; virtual switching system	7 power slots; 100–240 V AC
NJC-9014	14: 2 supervisor + 12 line-card slots	GE, GE PoE+, 10G SFP+, 40G QSFP+, 100G QSFP28	100G platform; distributed switching fabric; MPLS VPN; virtual switching system	7 power slots; 100–240 V AC



DATA CENTER SWITCH

NJD-3316

1U data-center switch, 16 × 10G + 8 × 25G + 4 × 100G

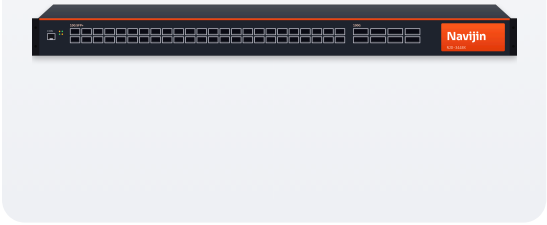
Compact 10/25G top-of-rack switch for small server rooms and edge data centers.

1.52T	4 × 100G	1U
switching	uplinks	height

- Virtual switching system: stack two switches into one logical device
- VXLAN with BGP EVPN control plane: automatic VTEP discovery, tunnel set-up and VNI mapping; spine or leaf role
- M-LAG multi-chassis link aggregation for active-active dual-homed servers
- Lossless Ethernet for RDMA/RoCE storage: PFC, ECN and PFC deadlock detection

Ports	16 × 10G SFP+, 8 × 25G SFP28, 4 × 100G QSFP28 (40G or 4 × 10G breakout)	**Management**	1 × console, 1 × GE out-of-band, 1 × USB 2.0
Switching capacity	1.52 Tbps	**Forwarding rate**	1,130 Mpps
Power	2 power slots, 2 × AC supplies included; 100–240 V AC	**Cooling**	4 built-in fans, side-to-side airflow
Dimensions	442 × 280 × 44 mm (1U)	**Operating temp.**	0 – 45 °C, 10 – 90 % RH non-condensing

NJD-3316 16 × 10G SFP+, 8 × 25G SFP28, 4 × 100G QSFP28, dual AC power, 1U



DATA CENTER SWITCH

NJD-3448X

1U data-center switch, 48 × 10G + 8 × 100G

10G server-access leaf with 100G uplinks for VXLAN/EVPN fabrics.

2.56T	48 × 10G	8 × 100G
switching	SFP+	uplinks

- VXLAN with BGP EVPN control plane: automatic VTEP discovery, tunnel set-up and VNI mapping; spine or leaf role
- M-LAG multi-chassis link aggregation for active-active dual-homed servers
- Lossless Ethernet for RDMA/RoCE storage: PFC, ECN and PFC deadlock detection
- Full L3: static, RIP, OSPF, IS-IS, BGP, policy routing, ECMP, BFD and graceful restart

Ports	48 × 10G/1G SFP+, 8 × 100G QSFP28 (40G compatible)	**Management**	1 × console, 1 × GE out-of-band, 1 × USB 2.0
Switching capacity	2.56 Tbps	**Forwarding rate**	1,920 Mpps
Power	2 hot-swap power slots, 2 × AC supplies included; 100–240 V AC, 50/60 Hz or −36 to −72 V DC	**Cooling**	4 fan slots
Dimensions	442.5 × 400 × 44.5 mm (1U)	**Operating temp.**	−10 – 50 °C, 10 – 90 % RH non-condensing

NJD-3448X 48 × 10G SFP+, 8 × 100G QSFP28, dual hot-swap AC power, 1U



DATA CENTER SWITCH

NJD-3448Y

1U data-center switch, 48 × 25G + 8 × 100G

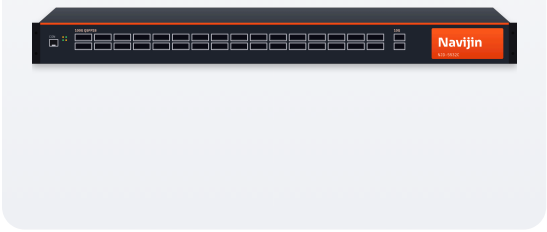
25G server-access leaf with 100G uplinks for virtualised and storage workloads.

4T	48 × 25G	8 × 100G
switching	SFP28	uplinks

- VXLAN with BGP EVPN control plane: automatic VTEP discovery, tunnel set-up and VNI mapping; spine or leaf role
- M-LAG multi-chassis link aggregation for active-active dual-homed servers
- Lossless Ethernet for RDMA/RoCE storage: PFC, ECN and PFC deadlock detection
- Full L3: static, RIP, OSPF, IS-IS, BGP, policy routing, ECMP, BFD and graceful restart

Ports	48 × 25G/10G SFP28, 8 × 100G QSFP28 (40G compatible)	**Management**	1 × console, 1 × GE out-of-band, 1 × USB 2.0
Switching capacity	4 Tbps	**Forwarding rate**	3,000 Mpps
Power	2 hot-swap power slots, 2 × AC supplies included; 100–240 V AC, 50/60 Hz or −36 to −72 V DC	**Cooling**	4 fan slots
Dimensions	442.5 × 400 × 44.5 mm (1U)	**Operating temp.**	−10 – 50 °C, 10 – 90 % RH non-condensing

NJD-3448Y 48 × 25G SFP28, 8 × 100G QSFP28, dual hot-swap AC power, 1U



DATA CENTER SWITCH

NJD-5532C

1U data-center switch, 32 × 100G

100G spine or aggregation switch for small and mid-size leaf-spine fabrics.

6.4T	32 × 100G	4.8 Bpps
switching	QSFP28	forwarding

- VXLAN with BGP EVPN control plane: automatic VTEP discovery, tunnel set-up and VNI mapping; spine or leaf role
- M-LAG multi-chassis link aggregation for active-active dual-homed servers
- Lossless Ethernet for RDMA/RoCE storage: PFC, ECN and PFC deadlock detection
- Full L3: static, RIP, OSPF, IS-IS, BGP, policy routing, ECMP, BFD and graceful restart

Ports	32 × 100G QSFP28 (40G compatible), 2 × 10G SFP+	**Management**	1 × console, 1 × GE out-of-band, 1 × USB 2.0
Switching capacity	6.4 Tbps	**Forwarding rate**	4,800 Mpps
Power	2 power slots, 2 × AC supplies included; 100–240 V AC, 50/60 Hz or −36 to −72 V DC	**Cooling**	4 fan slots
Dimensions	442.5 × 400 × 44.5 mm (1U)	**Operating temp.**	−10 – 50 °C, 10 – 90 % RH non-condensing

NJD-5532C 32 × 100G QSFP28, 2 × 10G SFP+, dual AC power, 1U



DATA CENTER SWITCH

NJD-7424B

1U data-center switch, 24 × 200G + 8 × 400G

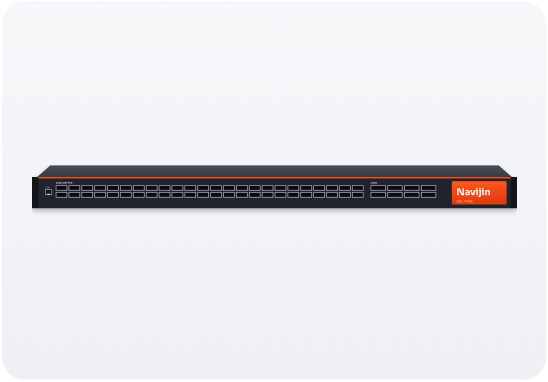
200G leaf for GPU servers and high-bandwidth storage, with 400G uplinks.

16T	24 × 200G	8 × 400G
switching	QSFP56	QSFP-DD

- VXLAN, EVPN and M-LAG for leaf-spine fabrics and large Layer-2 domains
- Lossless Ethernet for RDMA/AI clusters: PFC, ECN, WRED and PFC deadlock detection
- BGP/BGP+ with ECMP, UCMP, policy routing and resilient hashing
- Automation: ZTP, NETCONF, RESTCONF/YANG and on-box Python 3

Ports	24 × 200G QSFP56, 8 × 400G QSFP-DD	**Management**	1 × console, 1 × GE out-of-band, 1 × USB 2.0
Switching capacity	16 Tbps	**Forwarding rate**	12,000 Mpps
Power	2 hot-swap slots (1+1), 2 × 1300 W AC included; 100–264 V AC, 50/60 Hz or 190–310 V HVDC	**Max. power**	< 1300 W
Cooling	6 hot-swap fans (N+1), front-to-back airflow	**Dimensions**	442 × 550 × 44 mm (1U)
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing		

NJD-7424B 24 × 200G QSFP56, 8 × 400G QSFP-DD, 2 × 1300 W AC, 1U



DATA CENTER SWITCH

NJD-7448C

1U data-center switch, 48 × 100G + 8 × 400G

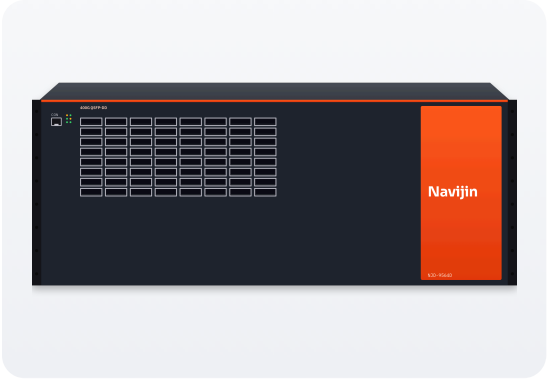
High-density 100G leaf with 400G uplinks for cloud and AI clusters.

16T	48 × 100G	8 × 400G
switching	QSFP28	QSFP-DD

- VXLAN, EVPN and M-LAG for leaf-spine fabrics and large Layer-2 domains
- Lossless Ethernet for RDMA/AI clusters: PFC, ECN, WRED and PFC deadlock detection
- BGP/BGP+ with ECMP, UCMP, policy routing and resilient hashing
- Automation: ZTP, NETCONF, RESTCONF/YANG and on-box Python 3

Ports	48 × 100G QSFP28, 8 × 400G QSFP-DD	**Management**	1 × console, 1 × GE out-of-band, 1 × USB 2.0
Switching capacity	16 Tbps	**Forwarding rate**	12,000 Mpps
Power	2 hot-swap slots (1+1), 2 × 1300 W AC included; 100–264 V AC, 50/60 Hz or 190–310 V HVDC	**Max. power**	< 1300 W
Cooling	6 hot-swap fans (N+1), front-to-back airflow	**Dimensions**	442 × 550 × 44 mm (1U)
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing		

NJD-7448C 48 × 100G QSFP28, 8 × 400G QSFP-DD, 2 × 1300 W AC, 1U



DATA CENTER SWITCH

NJD-9564D

4U spine switch, 64 × 400G

400G spine for large cloud and AI data-center fabrics.

51.2T switching

64 × 400G QSFP-DD

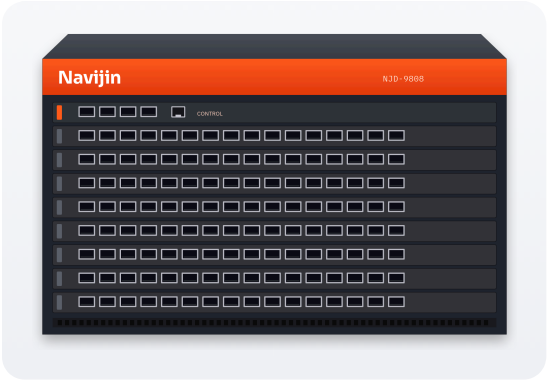
38 Bpps forwarding

- VXLAN, EVPN and M-LAG for leaf-spine fabrics and large Layer-2 domains
- Lossless Ethernet for RDMA/AI clusters: PFC, ECN, WRED and PFC deadlock detection
- BGP/BGP+ with ECMP, UCMP, policy routing and resilient hashing
- Automation: ZTP, NETCONF, RESTCONF/YANG and on-box Python 3

Ports	64 × 400G QSFP-DD
Switching capacity	51.2 Tbps
Power	4 hot-swap slots (2+2), 4 × 1300 W AC included; 100–264 V AC, 50/60 Hz or 190–310 V HVDC
Cooling	6 hot-swap fans (N+1), front-to-back airflow
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing

Management	1 × console, 1 × GE out-of-band, 1 × USB 2.0
Forwarding rate	38,000 Mpps
Max. power	< 2600 W
Dimensions	442 × 760 × 175 mm (4U)

NJD-9564D 64 × 400G QSFP-DD, 4 × 1300 W AC, 4U



DATA CENTER SWITCH

NJD-9808

8-slot modular data-center switch, up to 128 × 100G

Modular 100G spine: grow from 16 to 128 × 100G ports by adding line cards.

25.6T switching

128 × 100G max.

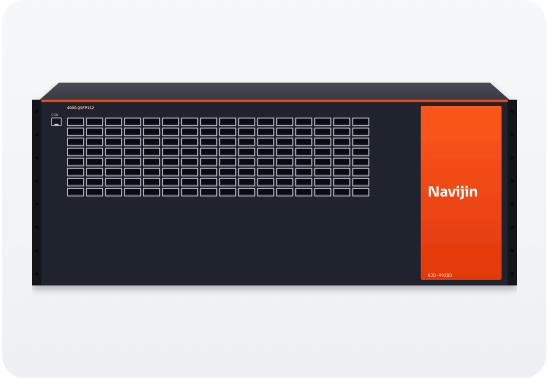
8 line-card slots

- VXLAN, EVPN and M-LAG for leaf-spine fabrics and large Layer-2 domains
- Lossless Ethernet for RDMA/AI clusters: PFC, ECN, WRED and PFC deadlock detection
- BGP/BGP+ with ECMP, UCMP, policy routing and resilient hashing
- Automation: ZTP, NETCONF, RESTCONF/YANG and on-box Python 3

Slots	8 line-card slots, supervisor, 6 fan modules
Switching capacity	25.6 Tbps
Power	4 hot-swap slots (2+2); 100–264 V AC, 50/60 Hz or 190–310 V HVDC
Cooling	6 hot-swap fans (N+1), front-to-back airflow
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing

Ports	Up to 128 × 100G QSFP28 with 16-port line cards
Forwarding rate	19,000 Mpps
Max. power	< 2600 W
Dimensions	442 × 800 × 175 mm

NJD-9808 8-slot chassis with supervisor, 6 fan modules and 4 power supplies · **NJD-98-16C** Line card, 16 × 100G QSFP28



DATA CENTER SWITCH

NJD-9928D

4U spine switch, 128 × 400G

Flagship 102.4 Tbps spine for hyperscale and AI back-end networks.

102.4T
switching

128 × 400G
QSFP112

76.8 Bpps
forwarding

- VXLAN, EVPN and M-LAG for leaf-spine fabrics and large Layer-2 domains
- Lossless Ethernet for RDMA/AI clusters: PFC, ECN, WRED and PFC deadlock detection
- BGP/BGP+ with ECMP, UCMP, policy routing and resilient hashing
- Automation: ZTP, NETCONF, RESTCONF/YANG and on-box Python 3

Ports	128 × 400G QSFP112
Switching capacity	102.4 Tbps
Power	4 hot-swap slots (2+2), 4 × 2000 W AC included; 100–264 V AC, 50/60 Hz or 190–310 V HVDC
Cooling	8 hot-swap fans (N+1), front-to-back airflow
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing

Management	1 × console, 1 × GE out-of-band, 1 × USB 2.0
Forwarding rate	76,800 Mpps
Max. power	< 4000 W
Dimensions	442 × 760 × 175 mm (4U)

NJD-9928D 128 × 400G QSFP112, 4 × 2000 W AC, 4U



CORE CHASSIS SWITCH

NJC-6003

3-slot core chassis switch, 4U

Compact chassis core for mid-size campuses, hospitals and hotels, with optional GPON OLT card.

3	4U	10G/40G
slots	height	ports

- Distributed multi-stage switching fabric with line-rate, non-blocking L2/L3 forwarding between cards
- Virtual switching system: cluster two chassis into one logical switch with a single management IP
- Full redundancy: dual supervisors, redundant power and fans, every module hot-swappable
- ISSU in-service upgrades and graceful restart for OSPF/BGP: no traffic loss during upgrades or failover

Slots	3: 2 supervisor slots with built-in ports + 1 universal line-card slot	**Port types**	GE, 10G SFP+, 40G QSFP+, GPON
Platform	40G platform; L2/L3 line-rate switching; MPLS VPN; virtual switching system	**Power**	3 power slots; 100–240 V AC or –48 V DC
Dimensions (W × D × H)	482 × 377 × 178 mm (4U)	**Weight (empty)**	10.5 kg
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing		

NJC-6003 3-slot chassis with fan tray, 3 power slots (supplies ordered separately) · **NJC6003-MSU-24GS8XS** Supervisor with 24 × GE SFP + 8 × 10G SFP+ · **NJC6003-MSU-24GT8XS** Supervisor with 24 × GE RJ45 + 8 × 10G SFP+ · **NJC6-PA350** 350 W AC power supply · **NJC6-PD350** 350 W DC power supply · **NJC6-24GS24GT** Line card, 24 × GE SFP + 24 × GE RJ45 · **NJC6-48GT** Line card, 48 × GE RJ45 · **NJC6-48GS** Line card, 48 × GE SFP · **NJC6-24GS8XS** Line card, 24 × GE SFP + 8 × 10G SFP+ · **NJC6-24GT8XS** Line card, 24 × GE RJ45 + 8 × 10G SFP+ · **NJC6-16XS** Line card, 16 × 10G SFP+ · **NJC6-4QS** Line card, 4 × 40G QSFP+ · **NJC6-16GP** GPON OLT card, 16 × GPON + 4 × GE SFP + 4 × GE combo + 4 × 10G SFP+

More features

- 50 ms carrier-grade recovery with BFD, ERPS rings, VRRP and LACP
- L2/L3 MPLS VPN for multi-tenant campuses, utilities and service-provider cores
- Complete routing: OSPF, IS-IS, BGP, policy routing; full IPv6 (OSPFv3, BGP4+, RIPng, MLD)
- L2/L3 multicast (IGMP/PIM, MLD) for IPTV, video surveillance and conferencing
- Ethernet OAM (802.3ah, 802.1ag, Y.1731), sFlow traffic analysis
- IEEE 802.3az Energy Efficient Ethernet and intelligent power management



CORE CHASSIS SWITCH

NJC-6006

6-slot core chassis switch, 9U

Carrier-grade core for large campuses and metro networks: 4 line-card slots, dual supervisors.

4	2	9U
line-card slots	supervisors	height

- Distributed multi-stage switching fabric with line-rate, non-blocking L2/L3 forwarding between cards
- Virtual switching system: cluster two chassis into one logical switch with a single management IP
- Full redundancy: dual supervisors, redundant power and fans, every module hot-swappable
- ISSU in-service upgrades and graceful restart for OSPF/BGP: no traffic loss during upgrades or failover

Slots	6: 2 supervisor + 4 line-card slots	**Port types**	GE, 10G SFP+, 40G QSFP+, GPON
Platform	40G platform; L2/L3 line-rate switching; MPLS VPN; virtual switching system	**Power**	3 power slots; 100–240 V AC or –48 V DC
Dimensions (W × D × H)	482 × 370 × 397 mm (9U)	**Weight (empty)**	21 kg
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing		

NJC-6006 6-slot chassis with fan tray, 3 power slots (supervisors and supplies ordered separately) · **NJC6-MSU-I** Supervisor module, type I · **NJC6-MSU-II** Supervisor module, type II · **NJC6-PA350** 350 W AC power supply · **NJC6-PD350** 350 W DC power supply · **NJC6-PA550** 550 W AC power supply · **NJC6-PD550** 550 W DC power supply · **NJC6-24GS24GT** Line card, 24 × GE SFP + 24 × GE RJ45 · **NJC6-48GT** Line card, 48 × GE RJ45 · **NJC6-48GS** Line card, 48 × GE SFP · **NJC6-24GS8XS** Line card, 24 × GE SFP + 8 × 10G SFP+ · **NJC6-24GT8XS** Line card, 24 × GE RJ45 + 8 × 10G SFP+ · **NJC6-16XS** Line card, 16 × 10G SFP+ · **NJC6-4QS** Line card, 4 × 40G QSFP+ · **NJC6-16GP** GPON OLT card, 16 × GPON + 4 × GE SFP + 4 × GE combo + 4 × 10G SFP+

More features

- 50 ms carrier-grade recovery with BFD, ERPS rings, VRRP and LACP
- L2/L3 MPLS VPN for multi-tenant campuses, utilities and service-provider cores
- Complete routing: OSPF, IS-IS, BGP, policy routing; full IPv6 (OSPFv3, BGP4+, RIPng, MLD)
- L2/L3 multicast (IGMP/PIM, MLD) for IPTV, video surveillance and conferencing
- Ethernet OAM (802.3ah, 802.1ag, Y.1731), sFlow traffic analysis
- IEEE 802.3az Energy Efficient Ethernet and intelligent power management



CORE CHASSIS SWITCH

NJC-6010

10-slot core chassis switch, 12U

High-capacity carrier-grade core: 8 line-card slots incl. XGS-PON and 100G uplink cards.

8 line-card slots

2 supervisors

12U height

- Distributed multi-stage switching fabric with line-rate, non-blocking L2/L3 forwarding between cards
- Virtual switching system: cluster two chassis into one logical switch with a single management IP
- Full redundancy: dual supervisors, redundant power and fans, every module hot-swappable
- ISSU in-service upgrades and graceful restart for OSPF/BGP: no traffic loss during upgrades or failover

Slots	10: 2 supervisor + 8 line-card slots	**Port types**	GE, 10G SFP+, 40G QSFP+, 100G QSFP28, GPON, XGS-PON
Platform	40G platform; L2/L3 line-rate switching; MPLS VPN; virtual switching system	**Power**	3 power slots; 100–240 V AC or –48 V DC; 1300 W supplies for XGS-PON cards
Dimensions (W × D × H)	482 × 370 × 530 mm (12U)	**Weight (empty)**	25.5 kg
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing		

NJC-6010 10-slot chassis with fan tray, 3 power slots (supervisors and supplies ordered separately) · **NJC6-MSU-I** Supervisor module, type I · **NJC6-MSU-II** Supervisor module, type II · **NJC6-PA350** 350 W AC power supply · **NJC6-PD350** 350 W DC power supply · **NJC6-PA550** 550 W AC power supply · **NJC6-PD550** 550 W DC power supply · **NJC6-PA1300** 1300 W AC power supply · **NJC6-PD1300** 1300 W DC power supply (36–72 V) · **NJC6-24GS24GT** Line card, 24 × GE SFP + 24 × GE RJ45 · **NJC6-48GT** Line card, 48 × GE RJ45 · **NJC6-48GS** Line card, 48 × GE SFP · **NJC6-24GS8XS** Line card, 24 × GE SFP + 8 × 10G SFP+ · **NJC6-24GT8XS** Line card, 24 × GE RJ45 + 8 × 10G SFP+ · **NJC6-16XS** Line card, 16 × 10G SFP+ · **NJC6-4QS** Line card, 4 × 40G QSFP+ · **NJC6-16GP** GPON OLT card, 16 × GPON + 4 × GE SFP + 4 × GE combo + 4 × 10G SFP+ · **NJC6-16XGS** XGS-PON OLT card, 16 × XGS-PON (GPON compatible) + 8 × 10G SFP+ + 2 × 100G QSFP28

More features

- 50 ms carrier-grade recovery with BFD, ERPS rings, VRRP and LACP
- L2/L3 MPLS VPN for multi-tenant campuses, utilities and service-provider cores
- Complete routing: OSPF, IS-IS, BGP, policy routing; full IPv6 (OSPFv3, BGP4+, RIPng, MLD)
- L2/L3 multicast (IGMP/PIM, MLD) for IPTV, video surveillance and conferencing
- Ethernet OAM (802.3ah, 802.1ag, Y.1731), sFlow traffic analysis
- IEEE 802.3az Energy Efficient Ethernet and intelligent power management



CORE CHASSIS SWITCH

NJC-9008

8-slot 100G core chassis switch

100G-ready core for data centers and large enterprise campuses, with PoE line cards.

6
line-card slots

100G
ready

7
power slots

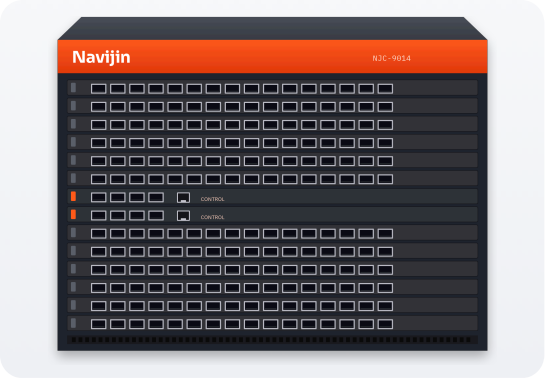
- Distributed multi-stage switching fabric with line-rate, non-blocking L2/L3 forwarding between cards
- Virtual switching system: cluster two chassis into one logical switch with a single management IP
- Full redundancy: dual supervisors, redundant power and fans, every module hot-swappable
- ISSU in-service upgrades and graceful restart for OSPF/BGP: no traffic loss during upgrades or failover

Slots	8: 2 supervisor + 6 line-card slots	**Port types**	GE, GE PoE+, 10G SFP+, 40G QSFP+, 100G QSFP28
Platform	100G platform; distributed switching fabric; MPLS VPN; virtual switching system	**Power**	7 power slots; 100–240 V AC
Dimensions	485.7 × 482.6 × 370 mm	**Weight (empty)**	30.2 kg
Operating temp.	0 – 40 °C, 10 – 90 % RH non-condensing		

NJC-9008 8-slot chassis with 1 fan tray, 7 power slots (supplies ordered separately) · **NJC9008-MSU** Supervisor module · **NJC9-PA1300** 1300 W AC power supply · **NJC9-PA1200P** 1200 W AC PoE power supply · **NJC9-24GS24GT** Line card, 24 × GE SFP + 24 × GE RJ45 · **NJC9-48GT** Line card, 48 × GE RJ45 · **NJC9-48GS** Line card, 48 × GE SFP · **NJC9-48GT-POE** Line card, 48 × GE RJ45 PoE/PoE+ · **NJC9-24GS8XS** Line card, 24 × GE SFP + 8 × 10G SFP+ · **NJC9-24GT8XS** Line card, 24 × GE RJ45 + 8 × 10G SFP+ · **NJC9-16XS** Line card, 16 × 10G SFP+ · **NJC9-48XS** Line card, 48 × 10G SFP+ · **NJC9-4QS** Line card, 4 × 40G QSFP+ · **NJC9-24XS6QS** Line card, 24 × 10G SFP+ + 6 × 40G QSFP+ · **NJC9-6CQ** Line card, 6 × 100G QSFP28

More features

- 50 ms carrier-grade recovery with BFD, ERPS rings, VRRP and LACP
- L2/L3 MPLS VPN for multi-tenant campuses, utilities and service-provider cores
- Complete routing: OSPF, IS-IS, BGP, policy routing; full IPv6 (OSPFv3, BGP4+, RIPng, MLD)
- L2/L3 multicast (IGMP/PIM, MLD) for IPTV, video surveillance and conferencing
- Ethernet OAM (802.3ah, 802.1ag, Y.1731), sFlow traffic analysis
- IEEE 802.3az Energy Efficient Ethernet and intelligent power management



CORE CHASSIS SWITCH

NJC-9014

14-slot 100G core chassis switch

Flagship core: up to 576 × 10G, 72 × 40G or 72 × 100G ports in one chassis.

576
× 10G max.

72
× 100G max.

12
line-card slots

- Distributed multi-stage switching fabric with line-rate, non-blocking L2/L3 forwarding between cards
- Virtual switching system: cluster two chassis into one logical switch with a single management IP
- Full redundancy: dual supervisors, redundant power and fans, every module hot-swappable
- ISSU in-service upgrades and graceful restart for OSPF/BGP: no traffic loss during upgrades or failover

Slots	14: 2 supervisor + 12 line-card slots	**Ports**	Up to 576 × 10G, 72 × 40G or 72 × 100G
Port types	GE, GE PoE+, 10G SFP+, 40G QSFP+, 100G QSFP28	**Platform**	100G platform; distributed switching fabric; MPLS VPN; virtual switching system
Power	7 power slots; 100–240 V AC	**Dimensions**	755 × 482.6 × 370 mm
Weight (empty)	43 kg	**Operating temp.**	0 – 40 °C, 10 – 90 % RH non-condensing

NJC-9014 14-slot chassis with 2 fan trays, 7 power slots (supplies ordered separately) · **NJC9014-MSU** Supervisor module · **NJC9-PA1300** 1300 W AC power supply · **NJC9-PA1200P** 1200 W AC PoE power supply · **NJC9-24GS24GT** Line card, 24 × GE SFP + 24 × GE RJ45 · **NJC9-48GT** Line card, 48 × GE RJ45 · **NJC9-48GS** Line card, 48 × GE SFP · **NJC9-48GT-POE** Line card, 48 × GE RJ45 PoE/PoE+ · **NJC9-24GS8XS** Line card, 24 × GE SFP + 8 × 10G SFP+ · **NJC9-24GT8XS** Line card, 24 × GE RJ45 + 8 × 10G SFP+ · **NJC9-16XS** Line card, 16 × 10G SFP+ · **NJC9-48XS** Line card, 48 × 10G SFP+ · **NJC9-4QS** Line card, 4 × 40G QSFP+ · **NJC9-24XS6QS** Line card, 24 × 10G SFP+ + 6 × 40G QSFP+ · **NJC9-6CQ** Line card, 6 × 100G QSFP28

More features

- 50 ms carrier-grade recovery with BFD, ERPS rings, VRRP and LACP
- L2/L3 MPLS VPN for multi-tenant campuses, utilities and service-provider cores
- Complete routing: OSPF, IS-IS, BGP, policy routing; full IPv6 (OSPFv3, BGP4+, RIPng, MLD)
- L2/L3 multicast (IGMP/PIM, MLD) for IPTV, video surveillance and conferencing
- Ethernet OAM (802.3ah, 802.1ag, Y.1731), sFlow traffic analysis
- IEEE 802.3az Energy Efficient Ethernet and intelligent power management

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