

MOXA



NPort Selection Guide

April 2026



Find The Serial Device That Fits In Your Application

General Device Servers

Essential Choice for General Apps

Essential serial connectivity for general industrial needs to connect your field serial components.

- ✓ Wired/wireless Ethernet
- ✓ 1 to 16 ports for different field density

[See More \(P.4\)](#)



 NPort 5000/A

 NPort W2x50A-W4

Industrial Device Servers

Ruggedized Choice for Mission-critical Apps

Industrial-grade connectivity with essential industry certifications, serial isolation, and high EMC level.

- ✓ Industrial EMC protection
- ✓ CID2/ATEX/IECEX/DNV certified
- ✓ Dual power input

[See More \(P.5\)](#)



 NPort IA5000-G2

 NPort 5000AI-M12

Secure Terminal Servers

High-security Serial & Terminal Connectivity

Designed for secure enterprise terminal/console/serial connectivity with IT protocol compatibility.

- ✓ World 1st IEC 62443-4-2 SL2 certified
- ✓ Optional Ethernet redundancy
- ✓ Remote IT authentication/syslog

[See More \(P.6\)](#)



 NPort 6100/6200-G2

 NPort 6400/6600-G2

Combo Device Servers

All-in-one Networking for Sites at the Edge


Space-saving design with managed switching and serial connectivity for streamlined industrial networking.

- ✓ 2-in-1 design with managed switch
- ✓ Substation-level design & certification


[See More \(P.7\)](#)



 NPort S8000

 NPort S9450I/9650I

Choosing A Best Fit: Key Considerations When Selecting an NPort



1 System-level Requirements

2 Device-level Requirements

Field Device

1 System-level Requirements (choose series)
Evaluating which series can be used to meet system requirements

Q1: Does your application require industry certifications?

The NPort supports the following industry certification

- **No Specific Requirements:** General Device Server/Secure Terminal Server
- **Hazardous Location (e.g., CID2):** Industrial/Combo Device Server (S8000/S9400)
- **Substation (IEC 61850-3):** Combo Device Server (S9400/S9600)
- **Maritime (DNV/IEC 60945):** Industrial Device Server
- **Railway (EN 50155/121):** Industrial Device Server (-M12 models)

Q2: Does your application require higher system security with IT protocol integration with centralized authentication control or Security Incident and Event Management (SIEM)?

For advanced security functions with IT integration such as **remote authentication servers (i.e., RADIUS)**, and **remote syslog** for logging security incidents, use **Secure Terminal Server NPort 6000-G2 Series**.

2 Device-level Requirements (choose models)
Evaluating how many serial ports are required.

Q1: How many serial field devices do you need to connect? Which serial interface is required?

Ethernet Serial Point-to-point, RS-232, or RS-422

Serial Multipoint (cascading), RS-485, max. of 31 connected devices

Check the field device datasheet for specs. NPorts come with **1 to 32 ports** with interface options for **RS-232, RS-422, or RS-485**.

Q2: Is there a possibility for potential voltage differences, such as different power sources, between serial devices that might trigger a ground loop?

The NPort models with **serial isolation** stop transients caused by a ground loop and protect serial devices from being damaged.

Alternatively, find a new G2 to replace existing G1?

[See security design for all series](#)

[See G1 vs. G2](#)

General Device Server Series



	Series	NPort 5100, NPort 5200	NPort 5100A, NPort 5200A	NPort 5400	NPort 5600	NPort 5600-DT	NPort W2150A-W4, NPort W2250A-W4
Ethernet	Ethernet 10/100BaseT(X)	1	1	1	1	2	1
	WLAN 802.11 a/b/g/n	-	-	-	-	-	1
Serial	No. of Ports	1 to 2	1 to 2	4	8 or 16	8	1 to 2
	Serial Standard	5110/5210: RS-232 5130/5232: RS-422/485 5150/5230*: RS-232/422/485	5110A/5210A: RS-232 5130A/5230A: RS-422/485 5150A/5250A: RS-232/422/485	5410: RS-232 5430: RS-422/485 5450: RS-232/422/485	5610: RS-232 5630: RS-422/485 5650: RS-232/422/485	5610-DT: RS-232 5650-DT: RS-232/422/485	RS-232/422/485
	Connector Type	5110/30/50: DB9 male 5210: 8-pin RJ45 5230/32: Terminal Block	5110A/30A/50A: DB9 male 5210A/50A: DB9 male 5230A: Terminal Block	5410/50: DB9 male 5430: Terminal Block	8-pin RJ45	5600-DT: DB9 male 5600-DT-J: 8-pin RJ45	DB9 male
Power	Power Input Range	12 to 48 VDC	12 to 48 VDC NPort P5150A: PoE (IEEE 802.3af)	12 to 48 VDC	-HV models: 88 to 300 VDC -48V models: ±48 VDC Other models: 100 to 240 VAC	12 to 48 VDC	12 to 48 VDC
	Power Connector Type	1 x Power Jack	1 x Locking Power Jack	1 x Power Jack 1 x Terminal Block (1 power module inside)	-48V/-HV models: 1 x Terminal Block Other models: 1 x Power Cord	1 x Locking Power Jack 1 x Terminal Block (1 power module inside)	1 x Locking Power Jack 1 x Terminal Block (1 power module inside)
Reliability	Industrial Certifications	5210: EN55011/60601-1-2	-	DNV 5410/5450: EN55011/60601-1-2	EN55011/60601-1-2	-	-
	Serial Isolation	NPort 5232I: 2 kV	-	5430I/5450I: 2 kV	-	5650I-DT: 2 kV	-
	Temperature Range	Standard models: 0 to 55°C -T models: -40 to 75°C	Standard models: 0 to 60°C -T models: -40 to 75°C	Standard models: 0 to 55°C -T models: -40 to 75°C	Standard models: 0 to 60°C -T models: -40 to 75°C -HV-T models: -40 to 85°C	Standard models: 0 to 55°C -T models: -40 to 75°C	Standard models: 0 to 55°C -T models: -40 to 75°C

*Note:NPort 5230 support 1xRS-232 + 1xRS-422/485

Industrial Device Server Series



	Series	NPort IA5150-G2, NPort IA5250-G2, NPort IA5450-G2	NPort IA5150-S-SC-G2, NPort IA5150-M-SC-G2, NPort IA5150-M-ST-G2	NPort IA5150-SFP-G2	NPort IA5250-TB-G2, NPort IA5450-TB-G2	NPort 5000AI-M12
Ethernet	Ethernet 10/100BaseT(X)	2	1	1	2	1 (M12 D-coded 4-pin female)
	Fiber 100BaseF(X)	-	-S-SC models: 1 x Single-SC -M-SC models: 1 x Multi-SC -M-ST models: 1 x Multi-ST	-	-	-
	SFP 100/1000BaseSFP	-	-	1	-	-
Serial	No. of Ports	1 to 4	1	1	2 to 4	1 to 4
	Serial Standard	RS-232/422/485	RS-232/422/485	RS-232/422/485	RS-232/422/485	RS-232/422/485
	Connector Type	DB9 male	DB9 male	DB9 male	Terminal Block	DB9 male
Power	Power Input Range	2 x 12 to 48 VDC	2 x 12 to 48 VDC	2 x 12 to 48 VDC	2 x 12 to 48 VDC	12 to 48 VDC
	Power Connector Type	Terminal Block	Terminal Block	Terminal Block	Terminal Block	M12 A-coded 5-pin male
Reliability	Industrial Certifications	DNV* IECEX*, CID2*, ATEX*	DNV* IECEX*, CID2*, ATEX*	DNV* IECEX*, CID2*, ATEX*	DNV* IECEX*, CID2*, ATEX*	EN 50155/EN 50121
	Serial Isolation	I models: 2 kV	I models: 2 kV	I models: 2 kV	I models: 2 kV	All models: 2 kV
	Conformal Coating	By request	By request	By request	By request	-CT model
	Temperature Range	Standard models: -10 to 60°C -T models: -40 to 75°C	Standard models: -10 to 60°C -T models: -40 to 75°C	Standard models: -10 to 60°C -T models: -40 to 75°C	Standard models: -10 to 60°C -T models: -40 to 75°C	Standard models: -10 to 60°C -T models: -40 to 75°C

Secure Terminal Server Series

[Click to check security design between all series](#)



	Series	NPort 6150-G2, NPort 6250-G2	NPort 6450-G2	NPort 6450-2TX-G2, NPort 6450-2S-SC-G2-T NPort 6450-2M-SC-G2-T	NPort 6600-G2
Ethernet	Ethernet 10/100BaseT(X)	1	1	NPort 6450-2TX-G2: 3	-
	Ethernet 10/100/1000BaseT(X)	-	-	-	2
	Fiber 100BaseF(X)	-	-	-2S-SC models: 2 x Single-SC -2M-SC models: 2 x Multi-SC	-
	Optional Network Module	-	-	-	<ul style="list-style-type: none"> Dual GbE Copper / SFP Dual 100FX Single-SC/Multi-SC 2MAC with Optional Module Installed
Serial	No. of Ports	1 to 2	4	4	8 to 32
	Serial Standard	RS-232/422/485	RS-232/422/485	RS-232/422/485	NPort 6610: RS-232 NPort 6650: RS-232/422/485
	Connector Type	DB9 male	DB9 male	DB9 male	8-pin RJ45
Cybersecurity	Secure Boot	v	v	v	v
	Secure Management	<ul style="list-style-type: none"> HTTPS with TLS v1.3 SNMPv3 Unused services can be disabled 	<ul style="list-style-type: none"> HTTPS with TLS v1.3 SNMPv3 Unused services can be disabled 	<ul style="list-style-type: none"> HTTPS with TLS v1.3 SNMPv3 Unused services can be disabled 	<ul style="list-style-type: none"> HTTPS with TLS v1.3 SNMPv3 Unused services can be disabled
	Secure Serial Communication	<ul style="list-style-type: none"> Secure option: encryption/authentication Available Mode: Reverse SSH/ Secure Pair Connection/ Secure Real COM/ Secure TCP Client/ Secure TCP Server/ SSH 	<ul style="list-style-type: none"> Secure option: encryption/authentication Available Mode: Reverse SSH/ Secure Pair Connection/ Secure Real COM/ Secure TCP Client/ Secure TCP Server/ SSH 	<ul style="list-style-type: none"> Secure option: encryption/authentication Available Mode: Reverse SSH/ Secure Pair Connection/ Secure Real COM/ Secure TCP Client/ Secure TCP Server/ SSH 	<ul style="list-style-type: none"> Secure option: encryption/authentication Available Mode: Reverse SSH/ Secure Pair Connection/ Secure Real COM/ Secure TCP Client/ Secure TCP Server/ SSH
	IT Integration	<ul style="list-style-type: none"> Authentication: RADIUS/TACACS+ Remote Syslog: 2 with failover Syslog format: RFC3164 	<ul style="list-style-type: none"> Authentication: RADIUS/TACACS+ Remote Syslog: 2 with failover Syslog format: RFC3164 	<ul style="list-style-type: none"> Authentication: RADIUS/TACACS+ Remote Syslog: 2 with failover Syslog format: RFC3164 	<ul style="list-style-type: none"> Authentication: RADIUS/TACACS+ Remote Syslog: 2 with failover Syslog format: RFC3164
Power	Power Input Range	12 to 48 VDC	12 to 48 VDC	12 to 48 VDC	-48V models: ±48 VDC Other models: 100 to 240 VAC
	Power Connector Type	Locking Power Jack	Locking Power Jack	Locking Power Jack	-48V models: 1 x Terminal Block -2AC models: 2 x Power Cord Other models: 1 x Power Cord
Reliability	Serial Isolation	-	-	-	I models: 2kV
	Temperature Range	Standard models: -10 to 60°C -T models: -40 to 75°C	Standard models: -10 to 60°C -T models: -40 to 75°C	Standard models: -10 to 60°C -T models: -40 to 75°C	Standard models: -10 to 60°C -T models: -40 to 75°C

Combo Device Server Series



	Series	NPort S8000	NPort S9400	NPort S9600
Ethernet	Ethernet 10/100BaseT(X)	NPort S8455I: 5 NPort S8455I-MM/-SS: 3	NPort S9450I-WV-T: 5 Other models: 3	-E models: 4 -MSC/-SSC/-IRIG models: 2
	Fiber 100BaseF(X)	NPort S8455I-SS-SC: 2 x Single-SC NPort S8455I-MM-SC: 2 x Multi-SC	NPort S9455I-2M-SC-WV-T: 2 x Multi-SC NPort S9455I-2M-ST-WV-T: 2 x Multi-ST NPort S9455I-2S-SC-WV-T: 2 x Single-SC NPort S9455I-2S-SC-WV-T: 2 x Single-SC	-MSC models: 2 x Multi-SC -SSC models: 2 x Single-SC
Switch Properties	Filter	802.1p Class of Service 802.1Q VLAN IGMP v1/v2 Snooping	802.1p Class of Service 802.1Q VLAN IGMP v1/v2 Snooping	802.1p Class of Service 802.1Q VLAN IGMP v1/v2 Snooping
	Management	Authentication: 802.1X authentication Time: SNTP Management: RMON, SNMPv1/v2c/v3	Authentication: 802.1X authentication Time: SNTP, NTP Server/Client Management: IEC 61850 MMS , RMON, SNMPv1/v2c/v3	Authentication: 802.1X authentication Time: SNTP, NTP Server/Client, IEEE 1588v2 PTP (-IRIG-T model: IRIG-B) Management: IEC 61850 MMS, RMON, SNMPv1/v2c/v3
	Redundancy Protocols	802.1w Rapid Spanning Tree Protocol (RSTP) Turbo Ring v1/v2 Turbo Chain	802.1w Rapid Spanning Tree Protocol (RSTP) Turbo Ring v1/v2 Turbo Chain	802.1w Rapid Spanning Tree Protocol (RSTP) Turbo Ring v1/v2 Turbo Chain
Serial	No. of Ports	4	4	8 to 16
	Serial Standard	RS-232/422/485	RS-232/422/485	RS-232/422/485
	Connector Type	DB9 male	DB9 male	-8F/-16F models: Multi-ST -8B/-16B models: DB9 female Other models: DB9 male
Power	Power Input Range	2 x 12 to 48 VDC	-WV-T models: 2 x 18 to 72 VDC -HV-T models: 2 x 110 to 220 VAC/VDC	2 x 12 to 48 VDC
	Power Connector Type	Terminal Block	Terminal Block	Terminal Block
Reliability	Industrial Certifications	CID2	CID2, IEC 61850-3, IEEE 1613	IEC 61850-3, IEEE 1613
	Serial Isolation	2 kV	2 kV	2 kV
	Serial Surge	-	4 kV	4 kV
	Temperature Range	Standard models: 0 to 60°C -T models: -40 to 75°C	-40 to 85°C	-40 to 85°C

Security Level Comparison

Security Level Comparison

Generation	Legacy			Secure G2	
Level of Security	Entry	Basic	Standard	Basic	Standard
Product Series	NPort 5100/5200	NPort 5100A/5200A NPort 5400/5600 NPort IA5000(A)	NPort 6000	NPort IA5000-G2 NPort 5000-G2	NPort 6000-G2
Account Management	N/A (password protection)	Supported (local)	Supported (local & remote)	Supported (local)	Supported (local & remote)
Secure Communication	HTTP No Secure OP mode	HTTPS No Secure OP mode	HTTPS Secure OP mode (encryption only)	HTTPS Secure OP mode (encryption & authentication)	HTTPS Secure OP mode (encryption & authentication)
System Log	N/A	Supported (local)	Supported (local & remote)	Supported (local)	Supported (local & remote) Dual server with failover
Time Sync	NTP	RTC, NTP	RTC, NTP	RTC, NTP	RTC, NTP
Remote Monitor	SNMPv1, v2c	SNMPv1, v2c, v3	SNMPv1, v2c, v3	SNMPv1, v2c, v3	SNMPv1, v2c, v3
Secure Boot	N/A	N/A	N/A	Supported	Supported
New Security Features Plan	N/A	N/A	N/A	Supported	Supported
Security Patch	Limited support	Supported	Supported	Supported	Supported

G1 & G2 Comparison

Industrial Device Server G1 & G2 Series Comparison

Existing



NPort IA5000 Series



NPort IA5000A Series

Synthesis & Convergence

1. Same application positioning with fewer duplicate model
2. Same industry certifications (DNV/IECEX/C1D2/ATEX)
3. New G2 value-add design

New



NPort IA5000-G2 Series

New G2 Value Added



Physical Interface

- 1× RJ45 copper port for configuration on fiber model
- New fiber SFP option
- Terminal block for serial ports on 2/4 port models



Cybersecurity

- HW support for Secure Boot
- Serial Secure OP mode for serial data protection
- Compliance to IEC 62443-4-2 SL2 requirements



Ease-of-use

- Web-based real-time traffic monitoring
- Serial port monitoring on MXview One
- Quick Real COM setup with DSU-G2

Industrial Device Server G1 & G2 Mapping Table—1 Port Models

G1 non-A Model	G1 A Model	G2 Model	Note
NPort IA-5150	NPort IA5150A / NPort IA5150A-IEX	NPort IA5150-G2	
NPort IA-5150-T	NPort IA5150A-T / NPort IA5150A-T-IEX	NPort IA5150-G2-T	
NPort IA-5150I	NPort IA5150AI / NPort IA5150AI-IEX	NPort IA5150I-G2	
NPort IA-5150I-T	NPort IA5150AI-T / NPort IA5150AI-T-IEX	NPort IA5150I-G2-T	
NPort IA-5150-M-SC	N/A	NPort IA5150-M-SC-G2	
NPort IA-5150-M-SC-T	N/A	NPort IA5150-M-SC-G2-T	
NPort IA-5150I-M-SC	N/A	NPort IA5150I-M-SC-G2	
NPort IA-5150I-M-SC-T	N/A	NPort IA5150I-M-SC-G2-T	
NPort IA-5150-S-SC	N/A	NPort IA5150-S-SC-G2	
NPort IA-5150-S-SC-T	N/A	NPort IA5150-S-SC-G2-T	
NPort IA-5150I-S-SC	N/A	NPort IA5150I-S-SC-G2	
NPort IA-5150I-S-SC-T	N/A	NPort IA5150I-S-SC-G2-T	
NPort IA-5150-M-ST	N/A	NPort IA5150-M-ST-G2	
NPort IA-5150-M-ST-T	N/A	NPort IA5150-M-ST-G2-T	
G2 New Added →	G2 New Added →	NPort IA5150-SFP-G2	New: Fiber model with SFP interface
G2 New Added →	G2 New Added →	NPort IA5150-SFP-G2-T	New: Fiber model with SFP interface

Industrial Device Server G1 & G2 Mapping Table—2/4 Port Models

G1 non-A Model	G1 A Model	G2 Model	Note
NPort IA-5250	NPort IA5250A / NPort IA5250A-IEX	NPort IA5250-G2	
NPort IA-5250-T	NPort IA5250A-T / NPort IA5250A-T-IEX	NPort IA5250-G2-T	
G2 New Added →	G2 New Added →	NPort IA5250-TB-G2	New: Serial port with terminal block for wiring
G2 New Added →	G2 New Added →	NPort IA5250-TB-G2-T	New: Serial port with terminal block for wiring
NPort IA-5250I	NPort IA5250AI / NPort IA5250AI-IEX	NPort IA5250I-G2	
NPort IA-5250I-T	NPort IA5250AI-T / NPort IA5250AI-T-IEX	NPort IA5250I-G2-T	
G2 New Added →	G2 New Added →	NPort IA5250I-TB-G2	New: Serial port with terminal block for wiring
G2 New Added →	G2 New Added →	NPort IA5250I-TB-G2-T	New: Serial port with terminal block for wiring
N/A	NPort IA5450A	NPort IA5450-G2	
N/A	NPort IA5450A-T	NPort IA5450-G2-T	
G2 New Added →	G2 New Added →	NPort IA5450-TB-G2	New: Serial port with terminal block for wiring
G2 New Added →	G2 New Added →	NPort IA5450-TB-G2-T	New: Serial port with terminal block for wiring
N/A	NPort IA5450AI	NPort IA5450I-G2	
N/A	NPort IA5450AI-T	NPort IA5450I-G2-T	
G2 New Added →	G2 New Added →	NPort IA5450I-TB-G2	New: Serial port with terminal block for wiring
G2 New Added →	G2 New Added →	NPort IA5450I-TB-G2-T	New: Serial port with terminal block for wiring

Secure Terminal Server G1 & G2 Series Comparison

Existing



NPort 6000 Series



CN2000 Series

Synthesis & Convergence

1. Same application positioning with fewer duplicate models
2. G2 as cybersecurity focus series targeted for IEC 62443-4-2 SL2 certification*
3. New G2 value-add design

New G2



NPort 6000-G2 Series

*Goal Q4 2025 for 4 to 32 port G2 Series

New G2 Value Added



Physical Interface

- Combinations of up to 32 ports with dual power input
- Built-in dual 10/100/1000 GbE copper Ethernet
- Optional network module with new SFP option



Cybersecurity

- Goal Q4 2025*: IEC 62443-4-2 SL2 certification
- HW support for Secure Boot
- Dual remote syslog with failover

*Estimation; please check with the product team for latest updates



Ease-of-use

- Web-based real-time traffic monitoring
- Serial port monitoring on MXview One
- Quick Real COM setup with DSU-G2

NPort 6000 to NPort 6000-G2 Mapping Table – 1/2/4 Port

*Note: 4-32 Port launch by End of 2025

G1 Model	G2 Model	Note
NPort 6150	NPort 6150-G2	
NPort 6150-T	NPort 6150-G2-T	
NPort 6250	NPort 6250-G2	
NPort 6250-M-SC	N/A	Use NPort 6450-2M-SC-G2-T or NPort 6250-G2 + IMC-21A-M-SC
NPort 6250-S-SC	N/A	Use NPort 6450-2S-SC-G2-T or NPort 6250-G2 + IMC-21A-S-SC
NPort 6250-T	NPort 6250-G2-T	
NPort 6250-M-SC-T	N/A	Use NPort 6450-2M-SC-G2-T or NPort 6250-G2-T + IMC-21A-M-SC-T
NPort 6250-S-SC-T	N/A	Use NPort 6450-2S-SC-G2-T or NPort 6250-G2-T + IMC-21A-S-SC-T
NPort 6450	NPort 6450-G2	
NPort 6450-T	NPort 6450-G2-T	
NPort 6450 + NM-TX01/02	NPort 6450-2TX-G2	G1: Insert 1/2 port network module → G2: Built-in
NPort 6450-T + NM-TX01/02-T	NPort 6450-2TX-G2-T	G1: Insert 1/2 port network module → G2: Built-in
NPort 6450 + NM-FX01/02-S-SC	NPort 6450-2S-SC-G2-T	G1: Insert 1/2 port network module → G2: Built-in
NPort 6450-T + NM-FX01/02-S-SC-T	NPort 6450-2S-SC-G2-T	G1: Insert 1/2 port network module → G2: Built-in
NPort 6450 + NM-FX01/02-M-SC	NPort 6450-2M-SC-G2-T	G1: Insert 1/2 port network module → G2: Built-in
NPort 6450-T + NM-FX01/02-M-SC-T	NPort 6450-2M-SC-G2-T	G1: Insert 1/2 port network module → G2: Built-in

NPort 6000 to NPort 6000-G2 Mapping Table – NPort 6610

G1 Model	G2 Model	Note
NPort 6610-8	NPort 6610-8-G2	
G2 newly added →	NPort 6610-8-2AC-G2	New 8 Port RS-232 model with 2 AC power input
NPort 6610-8-48V	NPort 6650-8-48V-G2	
NPort 6610-16	NPort 6610-16-G2	
G2 newly added →	NPort 6610-16-2AC-G2	New 16 Port RS-232 model with 2 AC power input
NPort 6610-16-48V	NPort 6650-16-48V-G2	
NPort 6610-32	NPort 6610-32-G2	
G2 newly added →	NPort 6610-32-2AC-G2	New 32 Port RS-232 model with 2 AC power input
NPort 6610-32-48V	NPort 6650-32-48V-G2	

NPort 6000 to NPort 6000-G2 Mapping Table – NPort 6650

G1 Model	G2 Model	Note
NPort 6650-8	NPort 6650-8-G2	
G2 newly added →	NPort 6650I-8-G2	New 8 Port 3-in-1 model with isolation
G2 newly added →	NPort 6650-8-2AC-G2	New 8 Port 3-in-1 model with 2 AC power input
G2 newly added →	NPort 6650I-8-2AC-G2	New 8 Port 3-in-1 model with isolation and 2 AC power input
NPort 6650-8-T	NPort 6650-8-G2-T	
G2 newly added →	NPort 6650I-8-G2-T	New 8 Port 3-in-1 model with isolation and wide temperature
G2 newly added →	NPort 6650-8-2AC-G2-T	New 8 Port 3-in-1 model with isolation and 2 AC power input and wide temperature
G2 newly added →	NPort 6650I-8-2AC-G2-T	New 8 port 3-in-1 model with isolation, 2 AC input and wide temperature
NPort 6650-8-HV-T	N/A	-HV model is planned in NPort 5000-G2 Series
NPort 6650-8-48V	NPort 6650-8-48V-G2	
NPort 6650-16	NPort 6650-16-G2	
G2 newly added →	NPort 6650I-16-G2	New 16 Port 3-in-1 model with isolation
G2 newly added →	NPort 6650-16-2AC-G2	New 16 Port 3-in-1 model with 2 AC power input
G2 newly added →	NPort 6650I-16-2AC-G2	New 16 Port 3-in-1 model with isolation and 2 AC power input
NPort 6650-16-48V	NPort 6650-16-48V-G2	
NPort 6650-16-T	NPort 6650-16-G2-T	
G2 newly added →	NPort 6650I-16-G2-T	New 16 Port 3-in-1 model with 2 AC power input
G2 newly added →	NPort 6650-16-2AC-G2-T	New 16 Port 3-in-1 model with isolation and 2 AC power input
G2 newly added →	NPort 6650I-16-2AC-G2-T	New 16 port 3-in-1 model with isolation, 2 AC input and wide temperature
NPort 6650-16-HV-T	N/A	-HV model is planned in NPort 5000-G2 Series

NPort 6000 to NPort 6000-G2 Mapping Table – NPort 6650

G1 Model	G2 Model	Note
NPort 6650-32	NPort 6650-32-G2	
G2 New Added →	NPort 6650-32-2AC-G2	New 32 port 3-in-1 model with 2 AC power input
G2 New Added →	NPort 6650-32-G2-T	New 32 port 3-in-1 model with wide temperature
G2 New Added →	NPort 6650-32-2AC-G2-T	New 32 port 3-in-1 model with 2 AC power input and wide temperature
NPort 6650-32-48V	NPort 6650-32-48V-G2	
NPort 6650-32-HV-T	N/A	-HV model is planned in NPort 5000-G2 Series

CN2600 Series G1 to NPort 6000-G2 Mapping Table

G1 Model	G2 Successor Model	Note
CN2610-8	NPort 6610-8-G2	
CN2610-16	NPort 6610-16-G2	
G2 New Added →	NPort 6610-32-G2	New 32 port RS-232 model
CN2610-8-2AC	NPort 6610-8-2AC-G2	
CN2610-16-2AC	NPort 6610-16-2AC-G2	
G2 New Added →	NPort 6610-32-2AC-G2	New 32 port RS-232 model with 2 AC power input
CN2650-8	NPort 6650-8-G2	
CN2650-16	NPort 6650-16-G2	
G2 New Added →	NPort 6650-32-G2	New 32 port 3-in-1 (RS-232/422/485) model
CN2650-8-2AC	NPort 6650-8-2AC-G2	
CN2650-16-2AC	NPort 6650-16-2AC-G2	
G2 New Added →	NPort 6650-32-2AC-G2	New 32 port 3-in-1 model with 2 AC power input
G2 New Added →	NPort 6650-8-G2-T	New 8 port 3-in-1 model with wide temperature
G2 New Added →	NPort 6650-16-G2-T	New 16 port 3-in-1 model with wide temperature
G2 New Added →	NPort 6650-32-G2-T	New 32 port 3-in-1 model with wide temperature
CN2650-8-2AC-T	NPort 6650-8-2AC-G2-T	
CN2650-16-2AC-T	NPort 6650-16-2AC-G2-T	
G2 New Added →	NPort 6650-32-2AC-G2-T	New 32 port 3-in-1 model with 2 AC power input and wide temperature

CN2600 Series G1 to NPort 6000-G2 Mapping Table

G1 Model	G2 Successor Model	Note
CN2650I-8	NPort 6650I-8-G2	
CN2650I-16	NPort 6650I-16-G2	
CN2650I-8-2AC	NPort 6650I-8-2AC-G2	
CN2650I-16-2AC	NPort 6650I-16-2AC-G2	
G2 New Added →	NPort 6650I-8-2AC-G2-T	New 8 port 3-in-1 model with isolation, 2 AC input and wide temperature
G2 New Added →	NPort 6650I-16-2AC-G2-T	New 16 port 3-in-1 model with isolation, 2 AC input and wide temperature
CN2650I-8-HV-T	N/A	-HV model is planned in NPort 5000-G2
CN2650I-16-HV-T	N/A	-HV model is planned in NPort 5000-G2
G2 New Added →	NPort 6650-8-48V-G2	New 8 port 3-in-1 model with 48 VDC power input
G2 New Added →	NPort 6650-16-48V-G2	New 16 port 3-in-1 model with 48 VDC power input
G2 New Added →	NPort 6650-32-48V-G2	New 32 port 3-in-1 model with 48 VDC power input

CN2500 Series G1 to NPort 6000-G2 Mapping Table

G1 Model	G2 Successor Model	Note
CN2510-8	NPort 6610-8-G2	
CN2610-16	NPort 6610-16-G2	
G2 New Added →	NPort 6610-32-G2	New 32 port RS-232 model
CN2510-8-48V	NPort 66 50 -8-48V-G2	
CN2610-16-48V	NPort 66 50 -16-48V-G2	
G2 New Added →	NPort 66 50 -32-48V-G2	New 32 port 3-in-1 model with 48 VDC power input

Networking Module (NM) Mapping Table

G1 Model	G2 Model	Note
NM-TX01(-T)	NM-TX02-G2(-T)	
NM-TX02(-T)		
NM-FX01-M-SC(-T)	NM-FX02-M-SC-G2(-T)	
NM-FX02-M-SC(-T)		
NM-FX01-S-SC(-T)	NM-FX02-S-SC-G2(-T)	
NM-FX02-S-SC(-T)		
G2 New Added →	NM-SFP02-G2-T	New SFP network module

G1 models : Support NPort 6400/6600 Series



G2 models: Only Support NPort 6600-G2 Series

(NPort 6400-G2 comes with additional built-in port options)



Thank You

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