

## Nortel Networks

### Nortel Ethernet Routing Switch 5520-24T-PWR - Switch - L3 - Managed - 24 x 10/100/1000 + 4 x shared SFP - desktop - PoE



The Nortel Ethernet Routing Switch 5520 models are 1 rack unit high stackable 10/100/1000 Mbps Ethernet Layer 3 routing switches designed to provide high-density Gigabit desktop connectivity and Power over Ethernet (PoE) capability to mid-size and large enterprise customers' wiring closets. The 5520-24T-PWR is a power over Ethernet Switch with 24 10/100/1000BASE-T RJ-45 ports.

Product Description	Nortel Ethernet Routing Switch 5520-24T-PWR - switch - 24 ports - Managed - desktop
Device Type	Switch - 24 ports - L3 - Managed - stackable
Enclosure Type	Desktop - 1U
Ports	24 x 10/100/1000 + 4 x shared SFP
Power Over Ethernet (PoE)	Yes
MAC Address Table Size	16K entries
Routing Protocol	RIP-1, RIP-2
Remote Management Protocol	SNMP, RMON, Telnet, SNMP 3, HTTP
Features	Layer 3 switching, auto-negotiation, BOOTP support, trunking, load balancing, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, traffic shaping, port mirroring, manageable, stackable, MAC address filtering
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3af, IEEE 802.3x, IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 801.1p, IEEE 802.1ad
Power	AC 120/230 V ( 50/60 Hz )
Dimensions (WxDxH)	43.8 cm x 38.7 cm x 4.5 cm
Weight	8.4 kg

## Extended Specs

### General

Device Type	Switch - 24 ports - L3 - Managed - stackable
Enclosure Type	Desktop - 1U
Ports	24 x 10/100/1000 + 4 x shared SFP
Power Over Ethernet (PoE)	Yes
MAC Address Table Size	16K entries
Max Units In A Stack	8
Routing Protocol	RIP-1, RIP-2
Remote Management Protocol	SNMP, RMON, Telnet, SNMP 3, HTTP
Encryption Algorithm	SSL
Authentication Method	Secure Shell (SSH), RADIUS, Secure Shell v.2 (SSH2)
Features	Layer 3 switching, auto-negotiation, BOOTP support, trunking, load balancing, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, traffic shaping, port mirroring, manageable, stackable, MAC address filtering
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Status Indicators	Link activity, port transmission speed, power

## Expansion / Connectivity

Interfaces	Network stack device : 2 x 24 x 10Base-T/100Base-TX/1000Base-T - RJ-45 - PoE 1 x console - 9 pin D-Sub (DB-9) - management 4 x SFP (mini-GBIC)
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## Power

Power Device	Power supply - internal
Voltage Required	AC 120/230 V ( 50/60 Hz )
Power Consumption Operational	600 Watt

## Miscellaneous

Width	43.8 cm
Depth	38.7 cm
Height	4.5 cm
Weight	8.4 kg
Cables Included	1 x stacking cable - 45.7 cm No power cord is included
Compliant Standards	BSMI CNS 13438 Class A, cUL, EN 60950, EN 61000-3-2, ICES-003, NOM, VCCI Class A ITE, EN 61000-3-3, EN55024, EN55022 Class A, UL 60950, CB, AS/NZ 3548 Class A, RoHS

## Environmental Parameters

Min Operating Temperature	0 C
Max Operating Temperature	40 C
Humidity Range Operating	10 - 90%

## Related Products

### System & Power Cables

AA0005018-E6	Nortel - Power cable
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### Repeaters & Transceivers

AA1419026-E5	Nortel - SFP (mini-GBIC) transceiver module - 1000Base-CWDM - plug-in module - up to 40 km - 1490 nm
AA1419030-E5	Nortel - SFP (mini-GBIC) transceiver module - 1000Base-CWDM - plug-in module - up to 40 km - 1570 nm
AA1419040-E5	Nortel - SFP (mini-GBIC) transceiver module - 1000Base-CWDM - plug-in module - up to 70 km - 1610 nm

### Network Cables

AL2018014-E6	Nortel - Stacking cable - 5 m
AL2018011-E6	Nortel 5500-SSC - Stacking cable - 46 cm

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