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Refurbished CISCO N6K-C6001-64P Datasheet

CISCO > SWITCHES

Cisco Nexus 6000 Series Switches

Supported Fabric Extenders	
Cisco Nexus 2224TP	24x 100/1000BASE-T host interfaces and 2x 10 Gigabit Ethernet fabric interfaces (SFP+)
Cisco Nexus 2248TP	48x 100/1000BASE-T host interfaces and 4x 10 Gigabit Ethernet fabric interfaces (SFP+)
Cisco Nexus 2248TP-E	48x 100/1000BASE-T host interfaces and 4x 10 Gigabit Ethernet fabric interfaces (SFP+; 32 MB shared buffer)
Cisco Nexus 2232PP	32x 1/10 Gigabit Ethernet and FCoE host interfaces (SFP+) and 8x 10 Gigabit Ethernet and FCoE fabric interfaces (SFP+)
Cisco Nexus 2248PQ	48x 1/10GE SFP+ host interface and 4x 40G (16 x 10G SFP+) network interfaces
Cisco Nexus 2232TM	32x 1/10GBASE-T host interfaces and 8x 10 Gigabit Ethernet (SFP+) uplink modules
Cisco Nexus 2232TM-E	32x 1/10GBASE-T host interfaces and 8x 10 Gigabit Ethernet (SFP+) uplink modules (lower power consumption and improved bit error rate [BER])
Cisco Nexus B22HP	16x 1/10GBASE-KR internal host interfaces and 8x 10 Gigabit Ethernet fabric interfaces (SFP+; network interfaces)
Cisco Nexus B22F	16x 10GBASE-KR internal host interfaces and 8x 10 Gigabit Ethernet fabric interfaces (SFP+; network interfaces)
Cisco Nexus B22DELL	16x 10GBASE-KR internal host interfaces and 8x 10 Gigabit Ethernet fabric interfaces (SFP+) Network Interfaces
Cisco Nexus B22IBM	Fourteen 1 and 10 Gigabit Ethernet BASE-KR internal host interfaces and eight 10 Gigabit Ethernet fabric (SFP+) network interfaces

Power Supply Properties	
AC Power Supply Properties	
AC Power Supply Properties	Cisco Nexus 6001
Typical operating power	750W
Maximum power	1100W
Input voltage	94 to 240 VAC
Frequency	47 to 63 Hz
Efficiency	94% (at 50% load)
RoHS compliance	Yes
Hot swappable	Yes
Front-to-back air flow power supply (Port side exhaust)	Yes
Back-to-front air flow power supply (Port side intake airflow)	Yes

Environment Properties	
Property	

Property	Cisco Nexus 6001
Physical (height x width x depth)	1.75 x 17.3 x 30 in. (4.4 x 43.9 x 76.2 cm)
Operating temperature	32 to 104°F (0 to 40°C)
Nonoperating (storage) temperature	-40 to 158°F (-40 to 70°C)
Humidity	5 to 95% (noncondensing)
Altitude	0 to 10,000 ft (0 to 3000m)
Weight	32 lbs

Regulatory Standards Compliance: Safety and EMC

Specification	
Regulatory compliance	Products should comply with CE Markings according to directives 2004/108/EC and 2006/95/EC.
Safety	UL 60950-1 Second Edition CAN/CSA-C22.2 No. 60950-1 Second Edition EN 60950-1 Second Edition IEC 60950-1 Second Edition AS/NZS 60950-1 GB4943
EMC: Emissions	47CFR Part 15 (CFR 47) Class A AS/NZS CISPR22 Class A CISPR22 Class A EN55022 Class A ICES003 Class A VCCI Class A EN61000-3-2 EN61000-3-3 KN22 Class A CNS13438 Class A
EMC: Immunity	EN55024 CISPR24 EN300386 KN 61000-4 series
RoHS	The product is RoHS 6 compliant with exceptions for leaded ball grid array (BGA) balls and lead press-fit connectors.

Cisco Nexus 6001 1 and 10 Gigabit Ethernet SFP+ Transceiver Support Matrix

Cisco SFP	
FET-10G	10-Gbps SFP+ module for Cisco Nexus 2000 Series to Cisco Nexus 5000 Series connectivity
Cisco SFP-10G-SR	10GBASE-SR SFP+ module (multimode fiber [MMF])
Cisco SFP-10G-LR	10GBASE-LR SFP+ module (single-mode fiber [SMF])
Cisco SFP-10G-ER	10GBASE-ER-SFP+ module (SMF)
Cisco SFP-H10GB-CU1M	10GBASE-CU SFP+ cable 1m (Twinax cable)
SFP-H10GB-CU1.5M	10GBASE CU SFP+ cable, 1.5 Meter, passive (Twinax cable)
SFP-H10GB-CU2M	10GBASE CU SFP+ cable, 2 Meter, passive (Twinax cable)
SFP-H10GB-CU2.5M	10GBASE CU SFP+ cable, 2.5 Meter, passive (Twinax cable)
Cisco SFP-H10GB-CU3M	10GBASE-CU SFP+ cable 3m (Twinax cable)
Cisco SFP-H10GB-CU5M	10GBASE-CU SFP+ cable 5m (Twinax cable)
Cisco SFP-H10GB-ACU7M	10GBASE-CU SFP+ cable 7m (active Twinax cable)
Cisco SFP-H10GB-ACU10M	10GBASE-CU SFP+ cable 10m (active Twinax cable)
SFP-10G-AOC1M	Cisco 10GBASE-AOC SFP+ Cable 1 Meter
SFP-10G-AOC2M	Cisco 10GBASE-AOC SFP+ Cable 2 Meter

SFP-10G-AOC3M	Cisco 10GBASE-AOC SFP+ Cable 3 Meter
SFP-10G-AOC5M	Cisco 10GBASE-AOC SFP+ Cable 5 Meter
SFP-10G-AOC7M	Cisco 10GBASE-AOC SFP+ Cable 7 Meter
SFP-10G-AOC10M	Cisco 10GBASE-AOC SFP+ Cable 10 Meter
Cisco GLC-T	1000BASE-T SFP
GLC-ZX-SM	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength, dual LC/PC connector
Cisco GLC-SX-MM	Gigabit Ethernet SFP, LC connector SX transceiver (MMF)
Cisco GLC-SX-MMD	Gigabit Ethernet SFP, LC connector SX transceiver (MMF), extended temperature range and digital optical monitoring (DOM)
Cisco GLC-LH-SM	Gigabit Ethernet SFP, LC connector LX/LH transceiver (SMF)
Cisco GLC-LH-SMD	Gigabit Ethernet SFP, LC connector LX/LH transceiver (SMF), extended temperature range and digital optical monitoring (DOM)
Cisco SFP-GE-T	1000BASE-T SFP, extended temperature range
Cisco SFP-GE-S	Gigabit Ethernet SFP, LC connector SX transceiver (MMF), extended temperature range and digital optical monitoring (DOM)
Cisco SFP-GE-L	Gigabit Ethernet SFP, LC connector LX/LH transceiver (SMF), extended temperature range and DOM

The next steps...

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