

Vertex900+

9-port PoE+ fast Ethernet desktop switch

ASBDTP04U1



AUTO-NEGOTIATION FUNCTION



802.3af PoE ready
58W maximum PoE budget



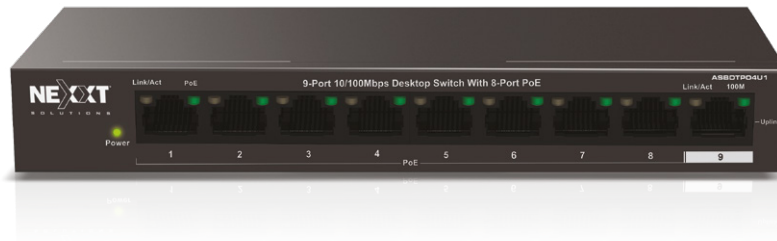
Metal
housing



Advanced
loop prevention
algorithm



Integrated
lightning protection



Outstanding networking capability for reliable data transmission

The **Vertex900+** is an unmanaged compact desktop switch, especially designed for the busy corporate environment that requires high performance network connectivity along with advanced internet capabilities. It features 9 ports which can operate at 10/100Mbps. Ports 1-8 support IEEE 802.3af and IEEE 802.3af PoE standard, capable of providing a maximum of 30W to a port with a total of 58W available to deliver across the whole device. Transmission mode allows this switch to push a signal up to 820ft across a network cable. The Vertex900+ incorporates a professional lightning protection design which contributes to make this switch the ideal choice to protect your network and improve overall performance

Highlights

- 9-port 10/100Mbps switch
- Up to 8 IEEE 802.3af/802.3at ports
- 58W maximum PoE budget
- 1.8Gbps backplane bandwidth
- Extender mode with up to 250m transmission distance
- Advanced loop prevention algorithm
- IEEE802.3x full duplex and half duplex back pressure flow control
- Metal housing
- Sleek design, ideal for wall mounting or desktop installation
- Integrated lightning protection
- Store and forward technology

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Technical specifications

ASBDTP04U1	
Hardware features	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3ab, IEEE 802.3af, IEEE 802.3at
Ports and interface	9 x 10/100Mbps Auto-MDI/MDI-X
Forwarding speed	10Mbps: 14880pps 100Mbps: 148800pps
LED indicators	Link/Act, PoE Status, Power, 100Mbps
Format	Desktop
Performance features	
Topological structure	Star
Backplane bandwidth	1.8Gbps
MAC address table	4000
MAC address learning	Automatic update
Advanced functions	Default Mode: Transmission rate of PoE ports 1-8 is up to 100Mbps. Extend Mode: Transmission rate of PoE ports 1-8 is limited to 10Mbps, but transmission distance is up increased up to 250m. *In Extend state, to ensure the timely transmission of video data, it is recommended to set the data rate to 8Mbps or lower.
Transfer method	Store-and-Forward
PoE supply	
Ports and interface	Ports 1-8 support standard IEEE802.3af/at (max of 30W in each port)
PoE power supply	58W (max combined output)
Power consumption	<63W (full configuration)
Software features	
Access control	CSMA/CD
Flow control	IEEE802.3x full duplex and half duplex back pressure
Environment	
Operating temperature	32°F-104°F
Storage temperature	-40°F -158°F
Relative humidity	Operating humidity: 10%-90% non-condensing Storage humidity: 5%-90% non-condensing
Physical appearance	
Housing	Metal
Color	Black
Product dimensions	7x4.1x1in
Product weight	4lb
Additional information	
Power	AC: 110/220V DC: 51V/1.25A (power adapter)
Protection	Inductive lightning protection: 6KV
Warranty	Five years*
Certificates	FCC

*2-year standard warranty plus a 3-year extension with online registration