

Ethernet Switch Product

NE-808X Desktop SOHO Switch



The NE-808X is designed for SOHO (Small Office/Home Office) users. It is cost-effective, and space-saving for less than 8 users environment. The plug-and-play and auto-negotiation capabilities allow the Switch to auto-detect its link partner with automatically sense half or full duplex connections for high speed and the best speed. Each port provides Auto MDI/MDIX function and full bandwidth (Maximum with 200Mbps in full duplex mode) without traditional hub's collision phenomenon downgrading the performance. Easy read LED indicators are supported for cable installation and normal operation diagnostics. The Switch can be used on desktop and wall-mount.

Key Features :

- Provides 8 10/100Mbps Auto MDI/MDIX RJ-45 ports
- Conforms to IEEE 802.3 10BASE-T, IEEE 802.3u, 100BASE-TX and IEEE 802.3x flow control standards
- 1.0Gbps non-blocking full wire Switch Bandwidth
- Support 2K MAC address & 1M RAM Buffer
- Build-in DC regulator
- Broadcast Storming Filter function
- Back pressure in half-duplex and flow control in full-duplex operation
- 八埠桌上型交換式集線器
- 採用 iC+ 高速網路晶片組
- 8 個 RJ-45 連接埠，自動偵測 MDI&MDI-X
- 符合 IEEE 802.3 10 BASE-T、IEEE 802.3u 100BASE-TX/FX 與 IEEE 802.3x Flow control 規格
- 最大可提供 1.0Gbps 內部交換頻寬
- 支援 2K 組 MAC 位址，內建 1MB 緩衝處理記憶體
- 內建電壓修正功能，可防止電壓不穩引起系統當機
- 支援過濾廣播風暴功能
- 半雙工時以 Back Pressure、全雙工時以 Flow Control 作傳輸控制

NE-808SX Desktop Switch Hub	
晶片(Chipset)	IP178A+
區域網路協定 (Standards)	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX Fast Ethernet
存取協定(Access Method)	CSMA/CD
傳送方式(Trans. Method)	Store and forward
區域網路連接埠 (Ports)	8 RJ-45 ports (Auto MDI/X)
連線速度(Speed)	10/100Mbps 自動偵測 10Mbps(Half-Duplex) 20Mbps(Full -Duplex) 100Mbps(Half-Duplex) 200Mbps(Full -Duplex)
封包流通率(Transfer Rate)	10M:14880 pps 100M:148800 pps
RAM Buffer	1MB SSRAM
MAC Address Filtering	2K
MAC Address Learning	自動學習
線材支援(Media Support)	Cat.5 UTP/STP for 100Base-TX Cat.3 4 5 UTP/STP for 10Base-T
最大傳輸距離(Max. Length)	100M
LEDs	Power Link/ACT Speed
電源	外接電源供應器 (7.5V DC,1.5A)
工作溫度範圍(Temperature)	0°C~65°C
工作溼度範圍(Humidity)	5%~90%
體積 (WxDxH)mm	165x87x30
重量 (g)	200g
安規(Conformance)	FCC Class A, CE, UL
保固(Warranty)	2 年



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