

NS815 – AZTECH 5-PORT GIGABIT UNMANAGED SWITCH

- PRODUCT SPECIFICATIONS -



OVERVIEW.

Maximum performance with 10 Times Faster Speed than Fast Ethernet

Aztech NS815 5-Port Gigabit Unmanaged Switch is ideally designed for SOHO and small workgroup networking connection with 5 10 BASE-T/ 100 BASE-TX/ 1000 BASE-T Gigabit Ethernet ports. It allows the connection of up to five separate devices into your network. Unlike an Ethernet hub, it won't split your connections. Each device connected to NS815 can tap into the speed up to a gigabit per second. It delivers 10 times faster speed than the fast Ethernet to maximize the performance, making the transfer of large files, such as graphic files and multimedia files instantly. By increasing the speed of your network server and backbone connections, it makes the desktop Gigabit enabled.

Power Savings by Cable Length

NS815 Green verified switches all ports support auto MDI/MDI-X cable detection and is able to detect the length of any Ethernet cable connected to them for adjustment of power usage accordingly. Shorter lengths require less power.

Easy to Use

It is simple and easy to install. Just plug and play, it eliminates networks bottleneck while giving users flexibility and scalability.

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MAIN FEATURES.

- Ideal solution for SOHO and small workgroup networking connection
- Delivers 10 times faster than the fast Ethernet
- Supports 5 10 BASE-T/100 BASE-TX/ 1000 BASE-T gigabit Ethernet ports
- Transfers large files, such as graphic files and multimedia files instantly
- Power Saving through detecting the Ethernet cable length
- Easy to install through plug and play to give user flexibility and scalability

SPECIFICATIONS

Feature	Detailed Description		
LED indicator			
LED indicative	Color	Status	Description
Power	Green	Solid light	Power on
		Light off	Power off
Link/Act/Speed	Green/Amber	Solid Light(Green)	When there is a secure connection (or link) to 1000Mbps Ethernet device at any of the ports.
		Blinking (Green)	When there is reception or transmission to 1000Mbps (i.e. Activity--Act) of data occurring at a port.
		Solid Light(Amber)	When there is a secure connection (or link) to 10/100Mbps Ethernet device at any of the ports.
		Blinking (Amber)	When there is reception or transmission to 10/100Mbps (i.e. Activity--Act) of data occurring at a port.
	Green Ethernet	Green mode: 1. Link down 2. Link up (cable length) : It only supports 1000 Mb.	
Performance	Wire speed on all ports and port options	Full-wire speed (full-duplex) operation on all ports	
	Forwarding Mode	Store and Forward	
	Port packet Filtering/Forwarding Rate	14,880 pps for 10M 148,809 pps for 100M 1,488,095 pps for 1000M	
	MAC Address table	2K	
	Packet Buffer	1024KBytes(1Mbits)	



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	Jumbo Frame	9K
	Class of Service	Support Four Priority Queues per port.
Port Functions	5 10BASE-T/ 100BASE-TX/ 1000BASE-T Gigabit Ethernet ports	Compliant to following standards, 1. IEEE 802.3 10BASE-T 2. IEEE 802.3u compliance 3. IEEE 802.3ab compliance 4. Support Half/Full-Duplex operations at 10/100Mbps. 5. Support Full-Duplex operations at 1000Mbps. 6. IEEE 802.3x Flow Control support for Full Duplex. 7. Support back pressure for Half-Duplex operation 8. IEEE 802.1P 9. CoS scheduling method: Strict mode (high queue first)
Physical & Environmental	Power Supply	AC-DC 5V/1A (Switching)
	Operating Temperature	0 ~ 40 °C
	Storage Temperature	-40~70 °C
	Humidity	5 ~ 95% non-condensing
	Dimension of chassis	120(L)*103.6(D)*30.1(H) mm
Packaging Content	1> NS815 2> Power Supply 3> CD 4> Easy Start Guide	

NOTE: Specifications subject to change without prior notice.