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SAS2224B 24 Port + 1 Expansion Slot Switch

CompeX SAS2224B is a fast Ethernet switch that provides 24 10/100Mbps fast Ethernet ports capable of delivering full/half duplex transmission with flow control. Advanced features like port-based Virtual LANs (VLAN) and port priority allows segmenting of the network into smaller workgroups and having network traffic prioritization for real-time application servers. Bandwidth control provides network administrators the power to decide the user bandwidth of each port on the switch. One optional expansion slot using 100Mbps fiber optic module allows connection to remote network application sites easily and quickly. The CompeX SAS2224B is the great choice for expanding your network.

High-Performance and Rack-Mounted

With its large backplane capacity of 8.8Gbps, SAS2224B delivers non-blocking collision-free packet switching capability. This is the ideal switch to be used in any workgroups. Its rack-mount form factor at 19-inch allows you to install it in the standard wiring closet.

Segment your Network

The SAS2224B switch supports Port-based Virtual LAN (VLAN) up to 32 VLAN groups and it is the 802.1q aware switch. It can segment your entire network into smaller workgroups to improve the network performance by greatly reducing network broadcast. SAS2224B also supports leaky VLAN which allows certain packets to be traveled across different VLANs based on the policy set.

Port-based bandwidth control

The SAS2224B switch provides network administrators the ability to assign a maximum bandwidth to each port of the switch. Bandwidth control becomes an important administrative tool to increase the bandwidth efficiency of enterprise networks with high bandwidth demand. The minimum bandwidth on each port can be set to 128Kbps.

Prioritize Network Traffic

The Priority Queuing is designed upon IEEE 802.1p standard. When enabled, it supports four levels of priority per port for prioritizing of critical network traffic. This is very useful for application such as video conference and sound streaming.

Plug and Play Operation

The SAS2224B can operate out of the box with no further configuration needed. Its auto-negotiation feature allows 10/100 Mbps ports to adjust the speed to the workstations or servers Ethernet adapter used. N-Way Auto Negotiation is featured in every port which allows any type of Category 5 Ethernet cable to be used.

Management

Advanced features such as VLAN, port priority, port speed and duplex mode can be easily configured through its console port.

Upgradeability

The optional expansion slot accommodates a 100Mbps fiber optic module which enables you to connect to remote sites easily and quickly.

SWITCH

24-Port + 1 Expansion Slot Switch

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Features and Benefits

Feature	Benefit
Non-blocking Performance	It offers operation at wire-speed on all ports, delivering optimum access to all the network resources.
N-way Auto-Negotiation (Auto MDI/MDI-X)	Eliminates common cabling errors by automatically selecting the correct type of Ethernet cables used (Cross or Straight-through)
IEEE 802.1p Prioritization	Prioritize your network traffic to allow real-time applications to run seamlessly without bottleneck.
Port-Based VLAN	Segment your network into smaller workgroups to control the network broadcast traffic and also for better management and more privacy.
Port Trunking	Port trunking increases the bandwidth between switches while providing fail-over redundancy.
Upgradeability	Offers an expansion slot for 100 Base-FX Fiber Optic Module that connects to remote site network infrastructure.

Specifications

Connectors 24 port auto-negotiation 10Base-T/ 100Base-Tx 1 optional expansion slot for 100Base-FX fiber optic module	Functional IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3x (Flow Control)	Power Supply AC Line Frequency: 50 to 60 Hz Voltage Options: 100 - 240 VAC Current Ratings: 0.5A (max)
Performance Packet Forwarding Rate: 6.6Mpps Forwarding Modes: Store & Forward Backplane: 8.8Gbps MAC Table: 8K Switching Buffer: 2.5MB	Switching Features/ Functionality Port-Based VLAN and 802.1q tagged VLAN aware IEEE 802.1p Priority Queuing IEEE 802.1ad Port Trunking Bandwidth control Port Operational Mode	Environment Requirements Operating temperature: 0°C to 40°C Storage Temperature: -20°C to 70 °C Operating Humidity: 10% to 90% relative humidity non-condensing
Management RS232 console	Electromagnetic Emissions FCC Class A, CE Mark Class A, VCCI Class A	Dimensions Height: 44mm (1.73 inches) Width: 440mm (17.3 inches) Depth: 200mm (7.87 inches)
Safety Certifications CE Mark, EN 60950	Electromagnetic Immunity EN55022, EN 55024, EN 50081-1 EN 6100-3-2, EN 6100-3-3	

Ordering Information

24-Port + 1 Expansion Slot Switch	SAS2224B 1a00us (For US and Canada) SAS2224B 1a00eu (For Europe and Asia)
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Complex Systems Pte Ltd. 135 Joo Seng Road, #08-01 PM Industrial Building, Singapore.

Tel : (65)6286-2086 Fax : (65)6280-9947

Complex Inc, USA. 4051 E. La Palma Ave., Anaheim, CA 92807, USA.

Tel : (714)630-7302 Fax : (714)630-7302

ReadyLINK Network Technology GmbH. Albert-Einstein-Strabe, 34/M21, 63322 Rodermark, Germany.

Tel : 49(6074)98017 Fax : 49(6074)90668

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