

MILAN unmanaged switch

MIL-S24T2GPA

(22) 10/100/1000BASE-T Ports
+ (2) Combo RJ45/SFP Ports



Next Generation of Copper and Fiber Switching

The switch provides 48 Gbps Gigabit switching performance with an added benefit of combining copper and fiber interfaces in a compact 1U design. The MIL-S24T2GPA delivers cost-efficient switching capability for 22 ports of Copper Gigabit Ethernet and two combo ports for SFP based Gigabit Ethernet.

Two Combo SFP Ports

The switch enables fiber connectivity through two hot-swappable Small Form-factor Pluggable (SFP) gigabit interfaces.

With Gigabit Ethernet rapidly gaining in popularity, network administrators are demanding higher density 10/100/1000 Mbps switches.

(24) 10/100/1000BASE-T Ports

The MIL-S24T2GPA is a hard-working switch that delivers exceptional performance. Combining wire-speed switch fabric together with shared memory architecture design, they eliminate head-of-line blocking and easily out perform other first generation Gigabit switches using old-fashioned "bridge" architecture. Whether you need 10BASE-T, 100BASE-TX or 1000BASE-T, this switch is ready to run with any version of Ethernet over copper cabling.

Performance, Performance, Performance

MILAN by Transition Networks delivers the highest performance switch in its class. A single integrated switch engine automatically filters and forwards traffic at full line rate for all 24 ports simultaneously. With a Jumbo Frame compatible network infrastructure, you'll be transferring data at Ethernet Packet of 9KB instead of 1.5 KB—that's almost 4X larger than conventional switches.

Specifications

Connectors	(24) 10/100/1000 Mbps Gigabit Ethernet (10BaseT, 100BaseTX, 1000BaseT); RJ-45 plus 2 SFP combo open slots for 1000Base-x, optical or copper SFP modules
Status Indicators	Power plus LED indicators per RJ-45 port (duplex, link/activity, 10/100 Mbps, 1000 Mbps)
Performance	
Backplane Speed:	48 Gbps
Switch Architecture:	Shared memory
Maximum Frame Size:	9 KB Jumbo Frame
Filtering & Forwarding:	Includes multi-layer filtering and forwarding
Forwarding Table:	8K MAC addresses
RAM Buffer:	4 Mbps
Case	Ruggedized Metal Chassis
Dimensions	Width: 17.3" [440 mm] Depth: 6.33" [161 mm] Height: 1.7" [44 mm]
Weight	8.25 lbs. [3.74 kg]
Standards Compliance Network:	IEEE 802.3ab Gigabit Ethernet over 4 pairs of UTP Category 5 (1000BaseT); IEEE 802.3z Gigabit Ethernet over Fiber optics (1000Base-SX/LX); IEEE 802.3u Fast Ethernet over 2 pairs of UTP Category 5 (100BaseTX); IEEE 802.3 Ethernet (10BaseT)
Protocol:	CSMA/CD
Expansion:	Auto-MDI/MDIX on all RJ-45 ports
Operating Temperature	32° to 104°F (0° to 40° C)
Relative Humidity	10% to 95% non-condensing
Power	100 – 240 VAC, 50/60 Hz, internal switching supply
Power Consumption	Watts (max.)
Emissions	FCC Class A and CE Mark
Safety	UL, cUL
Technical Support & Warranty	Free technical support and advanced warranty support for 5 years. Includes free telephone support, 24-hour support via web and FTP.

Ordering Information

MIL-S24T2GPA

22-port 10/100/1000BASE-T switch with (2) combo RJ45/SFP ports
Includes 19" Rack Mount ears

Optional Accessories (sold separately)

SFP Modules

- ▶ Full wire speed reception and transmission with 48 Gbps backplane speed
- ▶ 2 SFP Combo Ports for Optical Connectivity
- ▶ 802.3x Flow Control
- ▶ Full Duplex Pause
- ▶ Half Duplex Backpressure
Ruggedized metal chassis with external power supply
- ▶ Supports IEEE 802.3x Flow Control for full duplex
- ▶ JUMBO Frames Support
- ▶ Internal Power Supply
- ▶ Front panel LED status indicators