

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	<b>Width:</b> 17.3" [440 mm] <b>Depth:</b> 6.33" [161 mm] <b>Height:</b> 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