



- **Modular chassis** - 4 slots with internal power, rack mountable.
- **10/100BaseTX** - 8 port 10/100BaseTX Auto uplink[®] MDI/MDI-X
- **100BaseFX** - 4 or 8 ports multimode, 2 or 4 ports singlemode, 15-60km
- **Gigabit** - 1000BaseT, 1000BaseSX, 1000BaseLX
- **Backbone Performance**, Copper and Fiber Distribution switch - Maximum 32 ports 10/100T or 100BaseFX
- **Mixed Media**, 10/100BaseTX, 100BaseFX, 1000BaseT, 1000BaseSX, 1000BaseLX
- **Fiber Options**, Multimode and singlemode fiber
- **Fully compatible** with Asante FX1000, FM2000, IC3500 and FS7000 workgroup and desktop switches

The new FX4000 series are industrial-strength switches that are affordable enough to use for distributing 10/100BaseTX, 100BaseFX or 1000BaseX fiber run's for backbones, data centers and campus connectivity.

The FX4000 series of switches are engineered for high performance, low cost fiber backbone distribution and server connection in data centers. Ideal for installation in campus and building-to-building in Education, Industrial Manufacturing, Process Control, Military and Medium Sized Enterprise. Designed for use with Asante FX1000 and FS7000, and other vendors, workgroup and desktop switches the Fx4000 can also be used for fiber to the desk or industrial logic control device.

For direct connection to Gigabit servers, with the Asante GigaNIX 1000SX or 1000TPC, the FX4000 has Gigabit module options for 1000BaseT, 1000BaseSX and 1000BaseLX.

SPECIFICATIONS

Connectors:	Fast Ethernet (100BaseTX, 10BaseT): RJ-45 Gigabit 1000BaseSX/LX: SC Gigabit 1000BaseT: RJ45 Fast Ethernet Fiber (100BaseFX): SC or MTRJ
Performance	
Forwarding and Filtering Rate:	10 Mbps Ethernet: 14,880 packets/second (wire speed on all ports) 100 Mbps Fast Ethernet: 148,800 packets/second (wire speed on all ports) 1000 Mbps Gigabit Ethernet: 1,488,000 packets/second (wire speed on all ports)
Address Table:	12,000 addresses
Buffer Memory:	10/100ports: 5MB, Gigabit ports: 3MB per module
Installation	
Dimension	FX4000: 440 x 225 x 66 mm 1.5RU high
Accessories:	rackmount kit included
Status Indicators:	Per RJ-45 – 10/100 ports: link, activity, full duplex, collision and speed (100 Mbps) Per 100BaseFX: link, activity, full duplex, collision. Per Gigabit: link, activity, full duplex . Per unit: Chassis power
Environmental Range	
Operating Temperature:	32° to 113° F (0° to 45° C)
Relative Humidity:	10% to 90% non-condensing
Power:	90-240 VAC, 50-60 Hz; 30-42 watts depending on modules
Standards Compliance	
Network:	IEEE 802.3u Fast Ethernet over UTP Category 5 100BaseTX) IEEE 802.3 Ethernet over UTP Category 3 (10BaseT) IEEE 802.3z Gigabit Ethernet
Maximum Distance:	10BaseT, 100BaseTX and 1000BaseT: 328 feet (100 meters) with auto negotiation 100BaseFX (multi-mode): 2 KM (full duplex), singlemode 15-60km dependant on module 1000BaseSX (multi-mode): 225metres (62.5/125), 550metres (50/125) 1000BaseLX (singlemode): 6km
Safety:	UL 1950, CSA. VDE. TUV
Emissions:	FCC Class A, CE, UL, cUL
Support	
Free technical support and warranty:	Two years of free telephone support, 24-hour support via web and ftp, two year product warranty
AsantéCare:	Optional extended technical support and product warranty for additional years

ORDERING INFORMATION

Model	Description	Asanté Part Number*
FX4000	Chassis with 4 slots for modules and power supply	99-00721-01
Modules		
FX40-8TP	8 port 10/100BaseTX, RJ45, Auto uplink@ MDI/MDI-X	99-00734-01
FX40-1T	1000BaseT, RJ45, Gigabit module	99-00724-01
FX40-1SX	1000BaseSX, DSC, Gigabit module, multimode	99-00722-01
FX40-1LX	1000BaseLX, DSC, Gigabit module, singlemode, 6km	99-00740-01**
FX40-4MMC	4 port 100BaseFX, DSC, multimode	99-00723-01
FX40-8MMM	8 port 100BaseFX, MTRJ, multimode	99-00739-01**
FX40-2SMC15	2 port 100BaseFX, DSC, singlemode 15km	99-00738-01
Associated products		
GigaNIX 1000SX	1000BaseSX Gigabit NIC 32/64 bit PCI, for MAC, Linux, Win	99-00684-07
GigaNIX 1032TPC	1000BaseT Gigabit NIC 32 bit PCI for Win, Linux	99-00674-07
GigaNIX 1000TA	1000BaseT Gigabit NIC 32/64bit PCI for MAC, Linux, Win	99-00645-07

* For international part numbers, please refer to the Asanté price list.

** Contact sales for availability.



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FX4000 Specifications

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