

QUICK SPECS

MODELS

MultiSwitch 924TX and 916TX Modules for the MultiSwitch 900 Chassis-based switch

MultiSwitch 924TX-1G
Twenty-four 10/100
Ethernet ports
One modular Gigabit
Ethernet port
DFETX-MA

MultiSwitch 916TX-2G
Sixteen 10/100 Ethernet ports
Two modular Gigabit Ethernet
ports
DFETX-MB

High Density, Low-Cost 10/100/1000 Connectivity For the MultiSwitch 900

Product Description

Economically increase 10/100 Ethernet port density in the MultiSwitch 900 chassis-based departmental switch with the new MultiSwitch 924TX-1G and 916TX-2G Layer 2 switch modules. The 924TX-1G is a 24-port 10/100 Ethernet switch with one modular Gigabit Ethernet port. The 916TX-2G is a 16 port switch with two modular Gigabit Ethernet ports.

MultiSwitch 900 customers expect their investment protection to continue – and the new MultiSwitch modules deliver! These new modules provide the higher 10/100 Ethernet density needed in the wiring closet and Gigabit Ethernet connectivity for next generation backbone/server connectivity.

The MultiSwitch 900 is an award-winning wiring closet solution that has kept pace with a rapidly changing technology environment. The investment protection of this multi-technology, multi-layer solution is industry renowned.

The software-definable backplane supports seamless technology migration and integration across Ethernet, Fast Ethernet, Gigabit Ethernet, FDDI and ATM. The MultiSwitch 900 supports hubs, repeaters, concentrators and switches. For Layer 3 IP routing, VNswitch modules deliver concurrent Layer 2 switching and Layer 3 routing.

FEATURES

High density, Low-cost 10/100 Ethernet with Gigabit Ethernet connectivity

Get the higher density 10/100 Ethernet port density needed in the wiring closet by simply adding a MultiSwitch 924TX-1G or MultiSwitch 916TX-2G module. No wiring closet overhaul, and no extra space are required.

Modular Gigabit Ethernet Uplinks

For high-speed server and backbone connectivity, select either a short wavelength or long wavelength modular media interface (MMI).

“Plug and Play”

Simply insert the 924TX or 916TX module in the MultiSwitch 900 chassis and it will automatically come up in default mode without management intervention. With support for 16,000 MAC addresses, the 924TX and 916TX are ideal for the large enterprise network.

Standards-based Traffic Prioritization (802.1p) and Multivendor VLAN (802.1Q) Support

Traffic Prioritization (802.1p) allows configurable data queuing for time-sensitive applications such as voice and streaming video.

Tag and Port-based VLANs (802.1Q) assure seamless integration in multivendor environments.

MultiSwitch 900 Investment Protection Continues into the Next Generation

For simple, in-chassis network evolution, the MultiSwitch 900 supports hubs, switches, routers, and “any of five” technologies: Ethernet, Fast Ethernet, Gigabit Ethernet, ATM and FDDI. So whether migrating from shared to switched, or FDDI to 10/100/1000 Ethernet, the MultiSwitch 900 supports it all.

NETWORK MANAGEMENT

CNMS MultiChassis Suite is the new, low-cost, web-based device manager for the MultiChassis 900/VNswitch 900 Product Family.

With a simple “click-and-drag,” attach or detach modules from various backplane channels, change and configure VLANs, or create VNbus “any-of five” technology channels.

Additional management features include:

- Port Mirroring for advanced fault diagnosis
- Broadcast Throttling to reduce the number of broadcasts within a network
- User configurable LEDs for “at-a-glance” status
- Built-in SNMP agent for management via web server, Telnet or local console port

SPECIFICATIONS

Standards Compliance

IETF MIB II (RFC1213)
RFC 1398
RFC 1493
RFC 1757
IEEE 802.1d MAC Bridge
IEEE 802.3
IEEE 802.1Q VLAN port- and tag-based VLANs
IEEE 802.1P Priority Queuing
IEEE 802.3x

Architecture

Processor Intel i960Jx 33-MHz RISC Processor
Switch Engine 1.2 Million Gate ASIC
Main Memory 4 MB
Buffer Memory 12 MB
Flash Memory 2 MB
Address table Size 16,384 entries
Performance Throughput Capacity 5.5 million packets per second
Switching Bandwidth Capacity 4.2 Gb/s
In-band Management CNMS MultiChassis Manager, SNMP, Telnet, TFTP download
Out-of-band Management RS232 com port

Regulatory Testing

Environmental
FCC Part 15, Class A U.S. non-residential use
EN55022 (CISPR22:1985) Class A European non-residential use
VCCI, Class A Japanese non-residential use
IEC 801-2 Electrostatic Air Discharge Susceptibility
IEC 801-3 Radiated Electric Field Susceptibility
IEC 801-4 Fast Transient Susceptibility
EN 50082-1 Immunity to Electromagnetic disturbances
UL 1950

Safety

CUL 1950 B (CSA) Canadian residential usage
IEC 950/EN60950 (TUV) European Safety Approval
CE Mark: 89/336/EEC, 93/68/EEC
Tested by TUV for compliance

Supported Cabling

924TX-1G: 24 ports 10BaseT/100 RJ45 with one socket for modular Gigabit Ethernet uplink
916TX-2G: 16 ports 10BaseT/100 RJ45 with two sockets for modular Gigabit Ethernet uplinks
Modular Media Interfaces:
DELG1-UA Short Wavelength Gigabit Ethernet Modular Media Interface
DELG9-UA Long Wavelength Gigabit Ethernet Modular Media Interface

Operating Environment

Operating Temperature 32° to 113°F/0° to 45°C
Operating Humidity 5% to 95% (non-condensing)
Power 100 to 240 VAC, 50 to 60 Hz 85VA

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SPECIFICATIONS *(continued)*

Power Consumption		5v	15v	12v	Total Watts	Chassis Maximum
Power Supply	924TX-1G	9a	0.5a	0	52.5	8
	916TX-2G	9a	0.5a	0	52.5	8
Weight						
Unit	4 lbs/1.81 kg					
Shipping	4 lbs/1.81 kg					
Dimensions						
Unit (WxDxH)	1.75 x 6.02 x 17.5 in/4.45 x 15.3 x 44.5 cm					
Warranty	Three-Year Advanced Exchange					

RELATED PRODUCTS

The 924TX and 916TX Modules are members of the MultiSwitch 900/VNswitch 900 multi-technology chassis-based solution.

For the highest density 10/100/1000 connectivity, the MultiSwitch 700 chassis-based solution is the recommended solution. Supporting up to 240 10-Mbps Ethernet ports and 120 10/100-Mbps Ethernet ports, the MultiSwitch 700 also provides backbone/server uplinks to Gigabit Ethernet, FDDI, ATM or Fast Ethernet.

For more information on Compaq's full range of networking products, please contact your local Compaq Sales Representative or Compaq Reseller.

For additional information in North America, please call 1-800-344-4825.

To find up-to-the-minute details on all of Compaq's products and services, please visit us on our World Wide Web site: www.compaq.com.