- **High-capacity workgroup switching**
  - High performance, with 2 million pps of throughput and 3.3 Gbps of bandwidth
  - High port density with 16 100Base-FX ports (MMF) using new MTRJ "RJ45 like" fiber optic connectors
  - Modular VHSIM/HSIM slot for optional high-speed access to backbone technologies such as Gigabit Ethernet, ATM, and WAN
  - Full duplex operation and port trunking for higher throughput and increased distances

- **Standards based for complete interoperability**
  - Complies with industry standards, including 802.1Q VLAN, 802.3x flow control and 802.1p class of service

- **Integrated management**
  - Full SNMP and nine groups of RMON
  - Support for port mirroring

- **Fully fault tolerant for maximum system uptime**
  - Built-in redundant power supplies

Ideal for High-Powered Workgroups

The 2H258-17R brings performance and functionality to mission-critical workgroup environments.

High-Capacity Fast Ethernet Switching for the Workgroup

Capable of delivering over two million pps, the Fast Ethernet Workgroup Switch 2H258-17R is the ideal solution for high-powered Fast Ethernet-over-fiber 100Base-FX switching, whether in network aggregation points or fiber-to-the-desktop environments. The 2H258-17R offers unmatched capacity with 16 100Base-FX ports as well as a flexible slot for uplink connectivity to high-speed backbones such as Gigabit Ethernet or ATM. Built-in features such as redundant internal power supplies for premium fault tolerance and embedded RMON for accounting level network traffic statistics make the switch well suited for any mission-critical enterprise application.

The 2H258-17R also supports the MTRJ fiber connector type. Designed to make fiber optics simpler and more affordable to deploy throughout the enterprise, the MTRJ system dramatically increases the ability to extend fiber to the desktop. Fiber is commonly deployed in the enterprise LAN backbone, and many customers including those in the government, education and manufacturing industries also use fiber at the desktop level, improving the ability to deliver multimedia and other high-bandwidth traffic to networked workstations. Enterasys' fiber solutions also allow customers to ensure data security, achieve greater cabling distances and provide a seamless migration path to future networking technologies.

ENTERASYS
NETWORKS™

TECHNICAL SPECIFICATIONS

Management Processor
Intel i960 HD RISC processor

Switching Engine
Custom ASIC

Main Memory
20 MB expandable to 32 MB

Buffer Memory
4 MB

Flash Memory
8 MB

Performance Throughput Capacity
2,000,000 pps (measured in 64 byte packets)

Switching Bandwidth Capacity
3.3 Gbps

In-Band Management
Supported

Out-of-Band Management
Via RS-232 COM port, Telnet

PHYSICAL SPECIFICATIONS

Dimensions
7.11 cm (2.8") H x 43.18 cm (17") W x 47 cm (18.5") D

Weight
8.33 kg (18.5 lbs)

Technology
Fast Ethernet

Port Count
16

Media Type
MMF

Connector Type
MTRJ

User Configurable Ports
1 VHSIM slot that accepts HSIMs and VHSIMs

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature
+5° to +40°C (41° to 104°F)

Non-Operating Temperature
-30° to +90°C (-22° to 194°F)

Operating Humidity
5% to 90% (non-condensing)

Power Consumption
Voltage Range: 100 to 125 VAC or 200 to 250 VAC
Frequency Range: 50 to 60 Hz

ORDERING INFO

2H258-17R
16 port 100BaseFX workgroup switch via MTRJ connectors. Includes redundant internal power supplies and one VHSIM slot

VHSIM-G6
Gigabit Ethernet VHSIM, connectivity provided via hot swappable GPIMs

HSIM-FE6
Fast Ethernet high-speed interface module with two FEPIM slots. Purchase FEPIMs separately.

VHSIM2-A6DP
45Mbps - 622Mbps ATM VHSIM

HSIM-F6
FDDI high-speed interface module. Supports two FPIMs, both purchased separately

GPIM-01
Gigabit Ethernet port interface module, 1000Base-SX

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