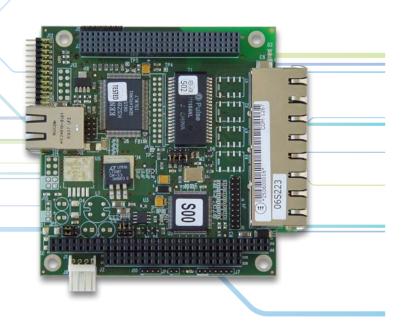# COM-1267

FEATURES

General Features:

- PC/104-Plus architecture. Can be also used in PC/104-only architectures or Standalone
- Integrated Five port 10/100 Mbps Ethernet Switch with Physical Layer Transceivers
- 64KB SRAM frame buffer
- 10BaseT and 100BaseTX operating modes
- Superior analog technology for reduced power consumption
- Features QoS for DiffServ priority, 802.1p based priority or port based priority support
- LED indicators for link, activity, full/half duplex and speed
- Unmanaged operation via EEPROM at system reset time
- Hardware based 10/100, full/half, flow control and auto negotiation
- Individual port forced modes (full duplex, 100BaseTX) when auto negotiation is disabled
- Integrated address Look-Up Engine, supports 1K absolute MAC address
- Automatic address learning, address aging and address migration
- Broadcast storm protection
- Full duplex IEEE 802.3x flow control
- Half duplex back pressure flow control
- Supports MDI / MDI-X auto crossover
- Fully RoHS (2002/95/CE) Compliant

RoHS:

- Fully RoHS (2002/95/CE) Compliant

The COM-1267 can be used as a standalone module or integrated within a PC104 or PC104-Plus system together with a Eurotech CPU module.

Optionally the COM-1267 can feature a cross over connection between Ethernet ports 2 and 3 that can be activated via software, automatically activated when the board is powered off, or activated when a Watchdog signal is received from the host Eurotech CPU module.

Typical applications for the COM-1267 include remote data acquisition, machine monitoring, process control, environmental control, and communications gateways for factory automation, aerospace, telecom and transportation.

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Physical Characteristics

DIMENSIONS	• 90 x 96 mm (3.6" x 3.8")
HEIGHT	• 11 mm (0.4")
POWER SUPPLY	• Single +5V DC +/- 5%
POWER CONSUMPTION	• 600mA @ 5V
OPERATING TEMPERATURE	• 0 to +60 °C (standard)
	• -40 to +85 °C (extended)
HUMIDITY	• Up to 95% @ 40°C non-condensing

Options

• Extended operating temperature range
• Conformal coating
• Custom Connectors

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