Eaton Gigabit Network Card

Network card

The Eaton Gigabit Network Card (Network-M2) is Eaton's latest UPS connectivity device that delivers IT professionals with new and exciting capabilities and features. The first UPS connectivity device to meet the UL 2900-2-2 cybersecurity standard, the Gigabit Network Card improves power system reliability by providing warnings of pending issues to administrators and helping to perform orderly graceful shutdown of servers and storage. The new network card works with Intelligent Power Manager (IPM) v1.61 (and higher) to improve business continuity by triggering policies configured to keep mission critical applications running in the event of power or environmental anomalies, including virtual machine relocation or automated disaster recovery action.

Details

- **Gigabit speed:** compatible with better performing, cost effective and widely deployed gigabit network switches

- **Compliance** with Gigabit only data center networks

- **Cybersecurity** enhancements for UL 2900-2-2 certification, including stronger encryption, configurable password policy and usage of CA and PKI signed certificates

- **Real-time clock** with battery backup and linkage to NTP (Network Time Protocol) server

- **Increased memory** for improved operation and larger data storage

- **Modern user experience** with latest web technology

- **Secure SMTP** for email alerts

Technical specifications[1]

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Function	Web/SNMP communications
UPS supported	5P, 5PX, 9PX, 9PXM, 9SX, 93PM, 93E
Compatible with	SNMP v1/v3 and IP v4/v6
Catalog number	Network-M2
Eaton Gigabit Network Card Protocol Support	Gigabit ETHERNET, 10/100/1000 Mbits, autonegotiation, HTTP, HTTPS 1.1, TLS 1.2, SNMP V1, SNMP V3, NTP,TFTP, SMTP, SMTPS BOOTHP/DHCP IP v6 Telnet, CLI, SSH, ARP
UPS slot type	Mini-Slot
Network support	Ethernet 10/100/1000BaseT
Temperature and humidity monitoring	Yes, only with the Eaton Environmental Monitoring Probe Gen 2
Software Support	Intelligent Power Manager 1.61 and higher (visit Eaton.com/IPM for all power management capabilities including hyperconverged infrastructure), Intelligent Power Protector 1.61 and higher (visit Eaton.com/IPP for a full compatibility operating system matrix), any SNMP compliant Network Management System (NMS)
Supported MIB	MIB II – Standard IETF UPS MID (RFC 1628) – Eaton PowerMib
Supported browsers	Chome, Internet Explorer and FireFox
Local language support	English, French, German, Italian, Spanish, Chinese Simplified, Chinese Traditional, Japanese
Operating temperature	32 to 104° F (0 to 40° C)
Operating humidity	90% RH max. without condensation
Power input	5 V – 12 V
Current consumption	500/1000mA max. depending on UPS
Dimensions (H x W x D)	5.2 x 2.6 x 1.7 in. (132.08 x 66.04 x 43.18 mm)
Weight	2.5 oz. (71 g)
Regulatory	Same as UPS

1. Due to continuous product improvements, program specifications are subject to change without notice.

Optional monitoring probe

Eaton is also offering a new Environmental Monitoring Probe (EMP) Gen 2 (EMPDT1H1C2), an environmental monitoring probe with sensors (temperature, humidity and dry-contact monitoring) and the ability to be daisy-chained (up to 3 per host), allowing multiple sensor connection to a single host. The probe is compatible with the Gigabit Network Card and Eaton rack PDUs including G3 (firmware 4.x or later), G3HD and G3+.

Eaton Gigabit Network Card (front)

Eaton Gigabit Network Card installed (top left on UPS)

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For more information, please visit:
Eaton.com/Network-M2

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