



Eaton Gigabit Network Card

Network card

Eaton's Gigabit Network Card (Network-M3) UPS connectivity device expertly blends comprehensive power management with market-leading cybersecurity. The Gigabit Network Card was the first to market with cybersecurity certifications obtained from independent authorities (UL 2900-1 and IEC 62443-4-2), and the new M3 version builds on this innovation with a zero-trust architecture that makes it even more effective at protecting mission-critical systems in medium-sized and enterprise IT networks. The Gigabit Network Card is compatible with multiple Eaton power management software solutions, allowing extensive automation and remote management and control that shortens response times to power issues. The Gigabit Network Card gives IT managers actionable intelligence for proactively addressing power problems before they turn into downtime, and for maximizing the efficiency of their power operations.

Details

- **Zero trust architecture** minimizes cybersecurity vulnerabilities through hardware *root of trust*, enabling secure boot and complete chain of trust
- **Zero-touch provisioning** automatically configures network cards faster, saving time exponentially in large-scale deployments
- **Brightlayer Data Centers suite** monitors and manages fleets of Gigabit Network Cards, enabling automated actions during power events, including graceful shutdown and reallocation of virtual machines to protect data and preserve business continuity
- **User-configurable firewall** reduces an organization's attackable surface area and helps meet specific network/security compliance requirements
- **REST API** allows organizations to easily integrate the network card with native systems and automate M2M interactions

Technical specifications¹

| Eaton Gigabit Network Card | |
|--------------------------------------|---|
| Function | Web/SNMP communications |
| Hardware compatibility (global list) | UPS: 5P, 5PX, 5PX G2, 5SC Rack, 9PX, 9PXM, 9SX, 9130, FERRUPS FX, 9E, 93PS (fw 2.50->), 91PS, 91PS Monoblock, 93E 15-80 EMEA (fw 8.00.01->), 93E G2 EMEA (fw 4.0.20->) PDU: EATS115, EATS120, EATS220 |
| Network compatibility | IPv4/v6, TLSv1.2, HTTP(S)v1.1, NTP, SMTP(S), BOOTP/DHCP, SSH, SysLog(S), LDAP, AD, RADIUS |
| Catalog number | Network-M3 |
| Protocol support | HTTPS1.1, MQTT, TLS1.2, SNMPv1, SNMP v3, NTP, SMTPS, BOOTP/DHCP, CLI, SSH, ARP and Syslog |
| UPS slot type | Mini-slot |
| Common connectors | Ethernet 10/100/1000BaseT, USB for accessories (ex: environmental probe), USB configuration port |
| Temperature and humidity monitoring | Yes. Requires Eaton Environmental Monitoring Gen 2 |
| Supported software | Brightlayer Data Centers software suite: Data Center Performance Management (DCPM), Distributed IT Performance Management (DITPM), Visual Power Manager (VPM), Intelligent Power Manager (IPM) and Visual Capacity Optimization Manager (VCOM); for monitoring service software: PredictPulse, (Americas) or Cyber Secured Monitoring (CSM, for EMEA) |
| Supported MIB | MIB II – Standard IETF UPS MIB (RFC 1628) – Eaton xUPS MIB |
| Supported browsers | Chrome, Edge |
| 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 | 2.3 oz. (65 g) |
| Regulatory | Same as UPS |

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

Optional monitoring probe

Connect multiple environmental sensors to your Gigabit Network Card with Eaton's Environmental Monitoring Probe (EMP) Gen 2 (EMPDT1H1C2). This probe provides data on the temperature and humidity in your IT installation as well as dry-contact monitoring. It can be daisy chained (up to 3 per host), allowing multiple sensor connections to a single host.



Eaton Gigabit Network Card (front)



Eaton Gigabit Network Card installed in a UPS (center)

For more information, please visit:
Eaton.com/Network-M3