

msi[®]



IP67
CLASSIFIED



EXTENDED
TEMPERATURE
+70°C / -40°C



X-1000

**ENVIRONMENT-PRO
IoT GATEWAY**

ENVIRONMENT-PRO X-1000

The X-1000 is a network security gateway with wide temperature and IP67 support. With smart temperature control and fan-less thermal solution, it is especially designed for industrial and harsh environment.

Multiple network connectivity solutions including Gigabit Ethernet, Wi-Fi and 3G/LTE are provided to fulfill various networking environment, suitable for industrial applications such as transportation, surveillance and environmental monitoring.



Robust Design for Harsh Industrial Environment

With aluminum alloy and IP67 design, X-1000 chassis has high strength and high thermal properties, ensure system can sustain various harsh industrial environment.

High Mobility (Wi-Fi, 3G/LTE)

X-1000 support interface for wireless network expansion, which can extend your application with security and more flexibility. With special designed mechanical holder, can prevents loosen in vibration.

Smart Temperature Control Thermal Solution

X-1000 has smart unique thermal solution with several precise sensors and software, which allows system can automatically controls heat up or cool down according to environment temperature.

Powerful Ethernet Connectivity

Within a slim design, X-1000 still provide max 4 GbE ports with Intel LAN solution to fulfill data transferring demand. SIMPLE but POWERFUL.

X-1000 SPECIFICATIONS

Systems

Processor	Intel® Atom™ Processor Apollo Lake-I SoC series:
	Intel® Atom™ x7 E3950 4C 2.0GHz High
	Intel® Atom™ x5 E3940 4C 1.8GHz Intermediate
	Intel® Atom™ x5 E3930 2C 1.8GHz Entry
Memory Capacity	1 x 1600/1867MT/s, non-ECC SODIMM up to 8GB
Ethernet Ports	Max. 4 x GbE RJ45 Ports
Storage	1 x SATA DOM (SATA 6Gb/s, with VCC supported)
	1 x M.2 SATA 6Gb/s, M-Key 2242
Wireless	1x Mini PCIe slot for Wifi or 3G/LTE module (optional)
	1x Micro-SIM holder for 3G/LTE
	2 x Antenna with cap (optional)
Other I/Os	1 x Serial Port (RJ45) with cap
	2 x USB3.0 Ports with cap
	1 x VGA Port with cap
	1 x M12 Male DC plug with cap
	1 x Power Button with LED IP67
TPM	1 x TPM Header can support to TPM2.0
Power Supply	DC 12V/60W
OS Support	CentOS Linux 7.x

Mechanical

Chassis	Aluminum alloy
Color	Black
Mounting	Wall mount (optional)
Dimension(WxDxH)	10.83" (275mm)x11.26" (286mm)x2.74" (69.5mm)

Environment

Operation Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Operation Humidity	0 ~ 85%

Certifications

EMI & Safety	CE, FCC (Class B), CB, BSMI
International Protection	IP67

For more information, please visit our website
<http://server.msi.com>

