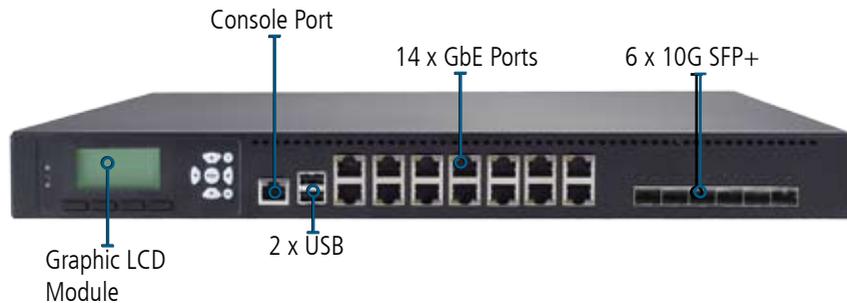


FW-8893

1U Rack mount network security system utilizing the cutting edge capabilities of the Intel Crystal Forest platform.



Features

Using Intel® Next generation Crystal Forest Platform with Cave Creek PCH

The Intel® code-named “Crystal Forest” platform will handle data processing across the network more efficiently and securely, especially for handling cloud computing and content delivering. Intel® built-in DPDK can improve five times network performance over previous generation of Intel® platforms. Intel® Cave Creek chipset comes with Quick-Assist™ technology, it processes and accelerates packet workloads in cryptography, compression and deep packet inspection.

Expansion and bandwidth Capabilities

In addition to the CompactFlash slot, FW-8893 is equipped with a 2.5” HDD bay for storage expansion. Bandwidth growth is possible with the presence of 14 GbE copper RJ45 ports (including 2 management ports) and six 10Gbps SFP+.

Uninterrupted Network Traffic

FW-8893 has 2 pairs of bypass, ensuring an uninterrupted network traffic even if a single in-line appliance hangs or is shut down.

Swappable System Fans

Over prolonged periods of time, fans are the first thing to fail. Hot-swappable fans allow for users to replace system fans with out shutting down the appliance.

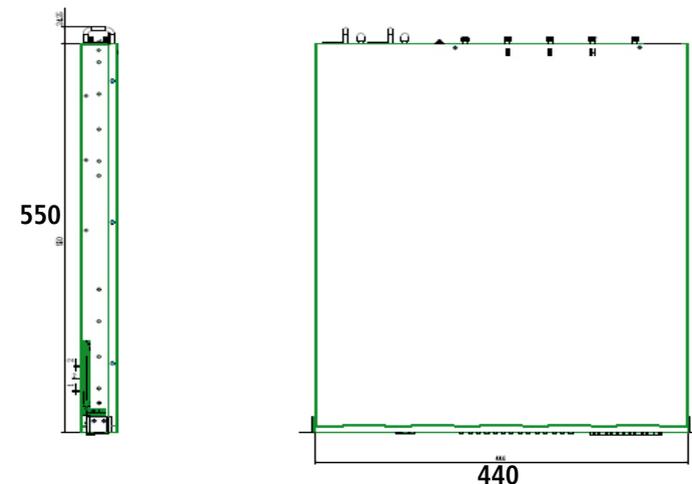
Graphic LCM

The graphic LCM display can be programmed to show custom graphics, providing a more intuitive interface. It allows the use of non-Latin characters such as Japanese, Chinese and Arabic and can be localized for worldwide.

IPMI Remote Management

With the optional IPMI add-on card, network appliances can be managed at a central location. Remotely configure, install, reboot and shut down through firewalls and NATs. The card features SSL encryption, and comes with an SDK so you can create a custom management console for your appliance.

Dimensions: 440 x 44 x 550 mm



Specifications

Form Factor	1U Rackmount	
Platform	Processor Options	2x Intel® Xeon® E5-2600 series up to 95W on LGA2011
	Chipset	Intel® Cave Creek PCH
BIOS	AMI BIOS 64MB SPI Flash ROM	
System Memory	Technology	Quad-channel DDR3 1066/1333/1600MHz RDIMM or UDIMM, Support ECC
	Max. Capacity	128GB
	Socket	16 x 240P DIMM
OS Support	Linux kernel 2.6.or above	
Storage	HDD Bays	1 x 2.5"
	CompactFlash	1 x Type II CompactFlash
Networking	Ethernet Ports	Up to 14 x GbE copper RJ45 ports and 6 x 10G SFP+
	Bypass	2 pairs Gen 3
	Controllers	4 x Intel 82574L or 2 Intel 82580DB
	Ethernet Modules	N/A
	Management Port	2 x GbE (RJ-45)
	Security Acceleration	Cave Creek
I/O Interface	Reset Button	Software programmable reset button
	Console	1 x RJ45
	USB	2 x USB 2.0
	IPMI via OPMA slot	Optional
Expansion	PCIe	2 x PCI-E*16 through by ZD connector reserved for the custom model in 2U form factor
	PCI	N/A
Cooling	Processor	CPU heat-sink with fan duct
	System	4 x cooling fans
Environmental Parameters	Temperature, ambient operating / storage	0 ~ 40° C / -20~70° C
	Humidity (RH), ambient operating / ambient non-operating	5~95%, non-condensing
Miscellaneous	LCD Module	Yes
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Physical Dimensions	Dimensions (WxHxD)	440 x 44 x 550 mm
	Weight	TBD
Power	Type / Watts	1+1 ATX redundant powers 650W/each, PMbus support
	Input	AC 90~264V @47~63 Hz
Approvals and Compliance	CE (EMC), FCC Class A, RoHS	

Ordering Information

FW-8893A	MB-8893A + LCM + 7 key pad + 2 MGMT port, 12 x RJ-45 port, 6 x 10G SFP+
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