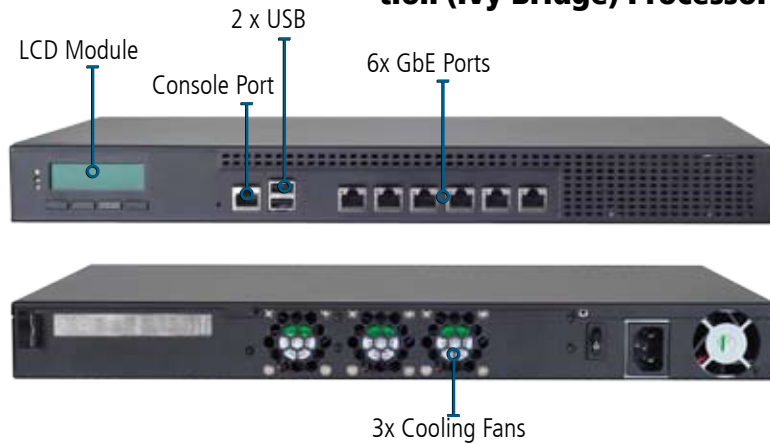


FW-7582

Cost Effective Network Security Platform with Intel® 3rd Generation (Ivy Bridge) Processor



Features

Intel® 3rd generation (Ivy Bridge) Processors support

The FW-7582 is compatible with both 2nd and 3rd* generation Intel® Core™ processors. The 3rd generation Intel Core™ processor is the first 22nm CPU in the market, it delivers increased performance with lower power, also enables multiple capabilities enhancing connectivity, responsiveness and security.

*Older units may require BIOS update.

H61 Chipset

Designed for scalability and cost optimization platforms, the Intel H61 Express Chipset enables 1 DIMM per channel of DDR3 1333 MHz and a balanced platform for everyday computing needs.

Intel® Hyper-Threading Technology

The Intel® Hyper-Threading Technology is capable of delivering thread-level parallelism on each processor resulting in the more efficient use of processor resources - higher processing throughout.

Lanner Generation 3 Bypass

Each pair of bypass ports can be programmed to turn on and off through the BIOS, Generation 3 bypass also allows data packet through when the appliance is powering on and off.

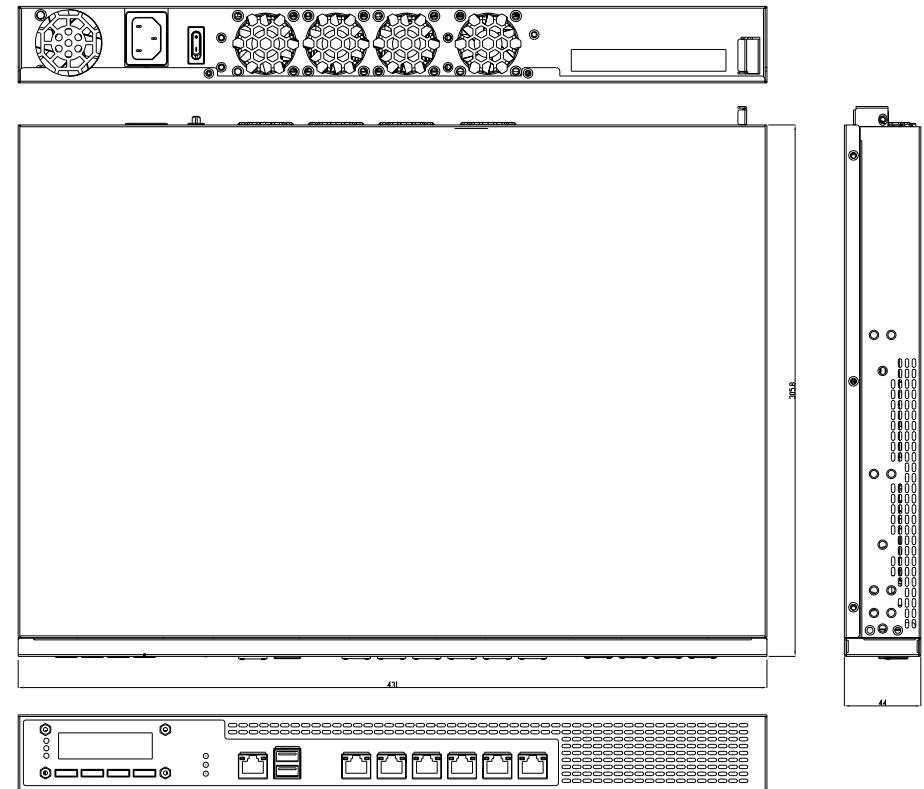
Watchdog

The embedded watchdog monitors the system and automati-

cally triggers a reset if software hangs.



Dimensions: 431 x 44 x 305 mm



Specifications

Form Factor		1U Rackmount
Platform	Processor Options	2nd generation Intel® Core® i3-2120, Pentium® G850 and Celeron® G540
	Chipset	3rd generation Intel® Core® i3-3220 and Pentium G2120 on LGA1155
BIOS		AMI BIOS 64Mbit SPI Flash ROM
System Memory	Technology	Dual-channel DDR3 1066/1333MHz, Non-ECC, Unbuffered
	Max. Capacity	16GB
	Socket	2 x 240P DIMM
OS Support		Windows 2000, 2003, XP, 7. Linux kernel 2.4 and up, OpenBSD, FreeBSD
Storage	HDD Bays	1 x 2.5" or 1 x 3.5"
	CompactFlash	1 x Type II CompactFlash
Networking	Ethernet Ports	6 x GbE RJ45
	Bypass	3 Pairs G3
	Controllers	6 x Intel 82583V for SKU A,B,C, 82574L for SKU D
	Ethernet Modules	N/A
	Management Port	N/A
	Security Acceleration	N/A
I/O Interface	Reset Button	1 x reset button Software reset by default
	Console	1 x RJ45
	USB	2 x USB 2.0
	IPMI via OPMA slot	N/A
Expansion	PCIe	1 x PCI-E*8 expansion
	PCI	N/A
Cooling	Processor	CPU heatsink with fan duct
	System	3 x cooling fans with smart fan control
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	2 x 20 characters
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Physical Dimensions	Dimensions (WxHxD)	431 x 44 x 305 mm
	Weight	7 kg
Power	Type / Watts	1U ATX SPS / 220W
	Input	AC 100~240V @50~60 Hz
Approvals and Compliance		CE emission, FCC Class A, RoHS

Ordering Information

FW-7582A	MB-7582A + FC-7575 + 220W PSU, Supports 3 pairs Bypass, CPU up to 65W, 2x CPU FANS, RAM up to 16G
FW-7582B	MB-7582B + FC-7575 + 220W PSU, without Bypass and Riser card, CPU support up to 65W, 2x CPU FAN, RAM up to 16G
FW-7582C	MB-7582B + FC-7575 + 220W PSU, w/o LCM, Riser card or 2.5" & 3.5" HDD tray, without Bypass ; CPU support up to 65W, 2 x CPU FAN, RAM up to 16G
FW-7582D	MB-7582A + FC-7575 + 220W PSU, Supports 3 pairs Bypass, Intel 82574L, CPU up to 65W, 2x CPU FANS, RAM up to 16G

Optional Power Cords

080W240318301	Power Cord (UK 3P/3P)
080W240318304	Power Cord (AU 3P/3P)
080W240318305	Power Cord (EU 3P/2P)
080W240318306	Power Cord (US 3P/3P)
080W240318307	Power Cord (CN 3P/3P)
080W240318310	Power Cord (IND 3P/3P)

Optional Accessories

080W1K1203001	VGA cable	RoHS internal VGA CABLE 12P TO 15P PITCH=2.0mm 30CM HO-BASE
080W120902001	COM cable	RoHS D-Sub 9P male flat cable to IDC 2.54 2x5P female type L=23CM HO-BASE