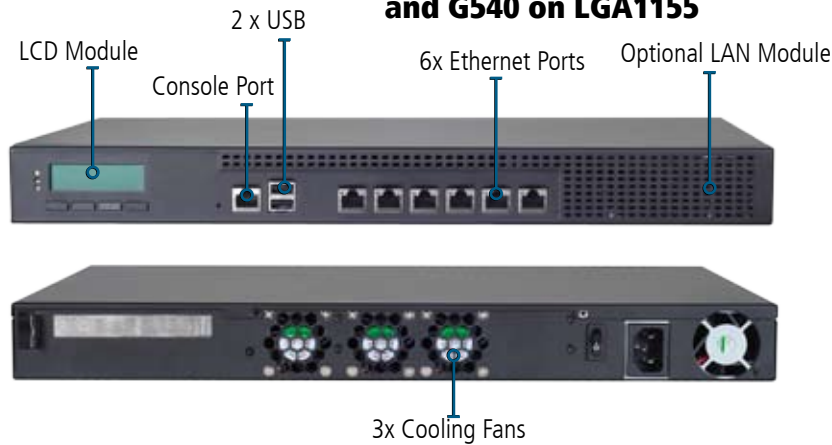


# FW-7582

## Cost Effective Network Platform with Intel® i3, G850 and G540 on LGA1155



### Features

#### Intel® i3 Processor

Intel® i3 processor is capable of delivering 64-bit computing when combined with supporting software. Intel® 64 architecture improves performance by allowing systems to address more than 16 GB of both virtual and physical memory.

#### 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.

#### 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.

#### Lanner Generation 3 Bypass

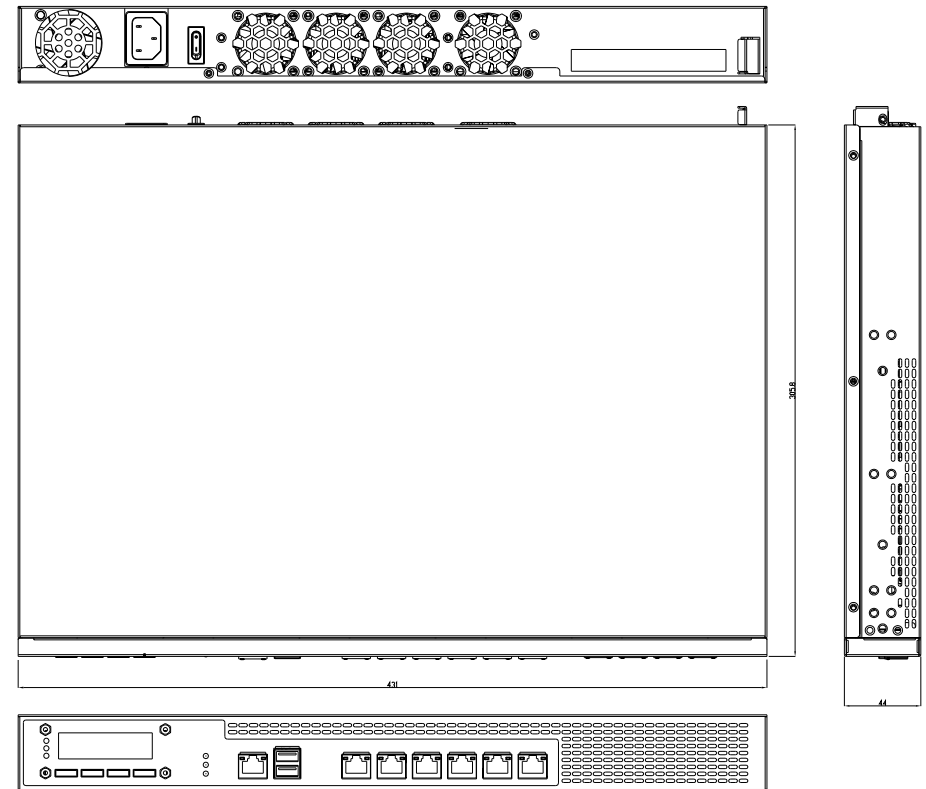
Each pair of bypass ports can be programmed to turn on and off through the BIOS, Generation 3 bypass also allows data packet through when the appliance is powering on and off.

#### Watchdog

The embedded watchdog monitors the system and automatically triggers a reset if software hangs.



Dimensions: 431 x 44 x 305 mm



## Specifications

<b>Form Factor</b>		1U Rackmount
<b>Platform</b>	Processor Options	Intel i3, G850 and G540 on LGA1155
	Chipset	Intel H61
<b>BIOS</b>		AMI BIOS 64Mbit SPI Flash ROM
<b>System Memory</b>	Technology	DDR3
	Max. Capacity	16GB
	Socket	2 x 240P DIMM
<b>OS Support</b>		Windows 2000, 2003, XP, 7. Linux kernel 2.4 and up, OpenBSD, FreeBSD
<b>Storage</b>	HDD Bays	1 x 2.5" or 1 x 3.5"
	CompactFlash	1 x Type II CompactFlash
<b>Networking</b>	Ethernet Ports	6 x GbE RJ45
	Bypass	3 Pairs G3
	Controllers	6 x Intel 82583V
	Ethernet Modules	1 x Optional Module
	Management Port	N/A
	Security Acceleration	N/A
<b>I/O Interface</b>	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
<b>Expansion</b>	PCIe	1 x PCI-E*8 expansion
	PCI	N/A
<b>Cooling</b>	Processor	CPU heatsink with fan duct
	System	3 x cooling fans with smart fan control
<b>Environmental Parameters</b>	Temperature, ambient operating / storage	0 ~ 40° C / -20~70° C
	Humidity (RH), ambient operating / ambient non-operating	5~95%, non-condensing
<b>Miscellaneous</b>	LCD Module	2 x 20 characters
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
<b>Physical Dimensions</b>	Dimensions (WxHxD)	431 x 44 x 305 mm
	Weight	7 kg
<b>Power</b>	Type / Watts	1U ATX SPS / 220W
	Input	AC 100~240V @50~60 Hz
<b>Approvals and Compliance</b>		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 8G
FW-7582B	MB-7582B + FC-7575 + 220W PSU, w/o Bypass and Riser card, CPU support up to 65W, 2x CPU FAN, RAM up to 8G
FW-7582C	MB-7582B + FC-7575 + 220W PSU, w/o LCM, Riser card or 2.5" & 3.5" HDD tray, with Bypass ; CPU support up to 65W, 2 x CPU FAN, RAM up to 8G