FW-7540

Desktop / Half-rack Network Appliance with Intel Atom D425 or Dual Core D525

Console Port

2 x USB   4 x GbE RJ45
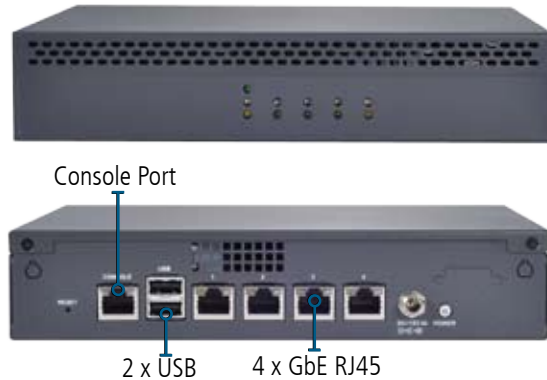
Features

Intel Atom D425 or Dual Core D525 Processor

The 1.8GHz Intel Atom processor D425 single-core and D525 dual-core boost performance with higher CPU frequencies for faster storage processing.

Expansion and bandwidth Capabilities

In addition to the CompactFlash slot, FW-7540 is equipped with one optional 2.5" HDD bay for storage expansion. Further expansion is possible with the availability of one Mini-PCIe (with PCI-E*1 and USB signal).

Watchdog

The embedded watchdog monitors the system so that it can automatically trigger a reset if software hangs. This is an essential feature of a network appliance.

Real Time Clock with LI Battery

All Lanner network appliances feature a real time clock that keeps ticking no matter if it's on or off with the help of a LI battery.

Bypass

Bypass is a feature that can come with pairs of ports, allowing for uninterrupted traffic to flow around a single appliance, when that said appliance is offline or shut off. Usually when the in-line appliance loses power, is disconnected, or otherwise fails, the bypassed ports passes traffic directly between its network ports, bypassing the failed appliance for uninterrupted flow down the network link.

Dimensions: 215.5 x 44 x 190 mm

189.7

215.5

44
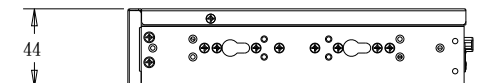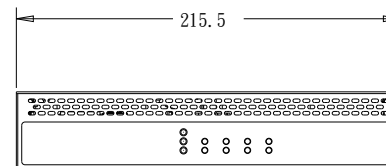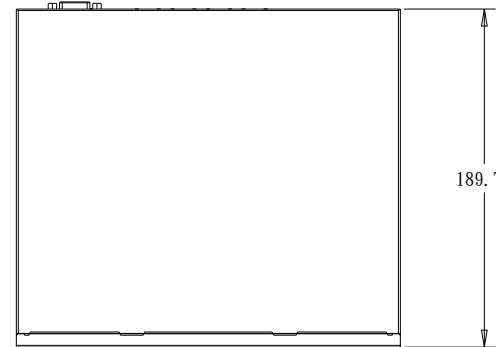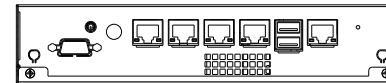
Specifications

Form Factor		Desktop / Half-rack
Platform	Processor Options	Intel® Atom D425 or Dual Core D525, on board
	Chipset	ICH8M
BIOS		AMI BIOS 16Mbit SPI Flash ROM
System Memory	Technology	DDR3 667/800 MHz
	Max. Capacity	4GB
	Socket	1 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" (Optional)
	CompactFlash	1 x Type II CompactFlash
Networking	Ethernet Ports	4 x GbE RJ45
	Bypass	2 pairs G2
	Controllers	4 x Intel 82583V (SKU A/B/C/D), 4 x Intel 82574L(SKU E)
	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 Mini-PCIe (with PCI-E*1 and USB signal)
	PCI	N/A
Cooling	Processor	Passive CPU heatsink
	System	1 x cooling fan with smart fan control
Environmental Parameters	Temperature, ambient operating / storage	0 ~ 40° C / -20~70° C
	Humidity (RH), ambient operating / ambient non-operating	5~90%, non-condensing / 5~95%, non-condensing
Miscellaneous	LCD Module	N/A
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Physical Dimensions	Dimensions (WxHxD)	215.5 x 44 x 190 mm
	Weight	1.2 kg
Power	Type / Watts	12V 5A 60W Power Adapter
	Input	AC 100~240V @ 50~60 Hz
Approvals and Compliance		CE emission, FCC Class A, RoHS

Ordering Information

FW-7540A	Intel D425 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45, 2 pair bypass, 60W Power Adaptor, Desktop
FW-7540B	Intel D525 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45, 2 pair bypass, 60W Power Adaptor, Desktop
FW-7540C	Intel D425 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45, w/o bypass, 60W Power Adaptor, Desktop
FW-7540D	Intel D525 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45, w/o bypass, 60W Power Adaptor, Desktop
FW-7540E	Intel D425 CPU; w/ 1 x DDR3 Memory Slot, 4 x GbE RJ45 (Intel 82574L), 2 pair bypass, 60W Power Adaptor, Desktop