

FWA8308

Mainstream 4th Generation

Intel® Core™ i7/i5/i3 / Xeon® Network Appliance w/ 8~16 GbE Ports



Features

- Supports Intel® 4th Generation Core™ i7/i5/i3 / Xeon® processors
- Advanced LAN Bypass
- 8x PCI-E GbE ports
- 4x DDR3 DIMMs, Max. 32 GB
- 3x system smart fans
- 1x CF socket, 1x Mini PCI-E (mSATA compatible) 1x mSATA socket
- iAMT 9.0

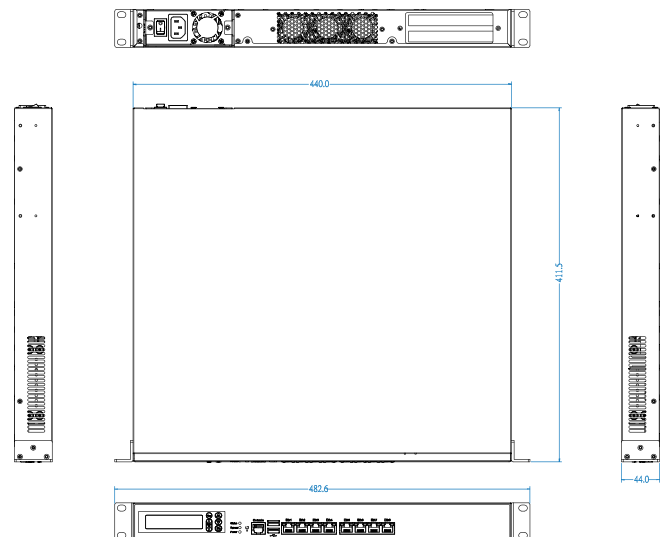
Specifications

CPU	LGA1150 for Intel® 4th Generation Core™ i7/i5/i3 / Xeon® processors
Chipset	Intel® C226 PCH Chipset
Memory	4x DDR3 DIMMs Max. 32GB, up to 1600MHz ECC or non-ECC
LAN	1x Intel® I217LM GbE PHY w/ iAMT 9.0 support 7x Intel® I210-AT GbE LAN 5/6 & 7/8 Bypass
Expansion Slot	1x mSATA socket 1x Mini PCI-E (mSATA compatible) socket 1 or 2 slots opening on rear panel
Storage	1x 2.5" / 3.5" HDD drive bay (depending on SKU) 1x CF socket 1x Dual 2.5" HDD drive bay (optional)
USB	2x USB 3.0 port on front panel Pin header for 6x USB 2.0 ports
Serial I/O	1x RJ45 console, COM2 pin header
VGA	Pin header
LED	Power / Bypass Activity / Status
Power Supply	Full range 300W ATX power supply or 275W 1+1 Redundant power supply
Dimensions	440 mm (W) x 411.5 mm (D) x 44 mm (H) 17.3"(W) x 16"(D) x 1.73"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20° ~ 70°C (-4°F ~ 158°F)
Operating Humidity	5~90%
Certification	CE/FCC

Accessories

MB968	LGA1150 for 4th Generation Core™ i7/i5/i3 / Xeon®, C226 PCH, 1x IntelGbE I217LM + 7x IntelGbE I210-AT, LAN 5/6 & 7/8 Bypass, SATA connector, Mini PCI-E, CF & PCI-E expansion
VGA4	VGA cable
IP331	1-to-1PCI-E8x riser card
IP332	PCI-E8x adapter card
IP333	2-to-2PCI-E8x riser card
2.5" HDD Kit	Dual 2.5" HDD bracket
PK1-51	Console cable, 160cm
USB2-7	Dual port USB 2.0 cable, 300mm

Dimensions



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Network Appliances Expansions features

Ordering Information

FWA8308 Series	Compatible CPU	FWA8308 Series System Configurations									Remarks
		Front Expansion Card	IP331 1-1 Riser	IP332 PCI-e Adapter	IP333 2-2 Riser	3.5" HDD Bracket	Single 2.5" HDD Bracket	Dual 2.5" HDD Bracket	# of Rear Expansion Slot	Power Supply	
FWA8308	E3-1275 v3 E3-1225 v3 E3-1268L v3	Optional	1	1	N/A	N/A	1	Optional	1	300W PSU	1U 19" Rackmount, MB968, supports LGA1150 CPUs, GbE x8. Eth5/6 & 7/8 Bypass, 300W PSU, LCM, CPU cooler, single 2.5" HDD bracket, IP331 and IP332, Barebone
FWA8308-RPSU	i7-4770TE i7-4770S i5-4570S i5-4570TE i3-4330 i3-4330TE G3420 G3320TE G1820TE G1820	Optional	1	1	N/A	N/A	1	N/A	1	275W 1+1 Redundant PSU	1U 19" Rackmount, MB968, supports LGA1150 CPUs, GbE x8. Eth5/6 & 7/8 Bypass, 275W1+1 Redundant PSU, LCM, CPU cooler, single 2.5" HDD bracket, IP331 and IP332, Barebone
FWA8308-2SLOT		N/A	N/A	N/A	1	1	N/A	Optional	2	300W PSU	1U 19" Rackmount, MB968, supports LGA1150 CPUs, GbE x8. Eth5/6 & 7/8 Bypass, 300W PSU, LCM, CPU cooler, 3.5" HDD bracket, IP333, Barebone

Compatible Expansion Cards

Module Name	Interface	Ethernet Controller	Bypass
IBP161	4-port GbE RJ45	Realtek RT8111E	Hardware Option
IBP162	2-port 10 GbE SFP+	Intel 82599ES	No
IBP163	2-port GbE RJ45 or SFP (Auto Sense)	Intel i350-AM2	No
IBP164	Crypto Acceleration Card	Cavium CN6120	No
IBP165	4-port GbE RJ45	Intel I210-AT	BIOS Control
IBP167	8-port GbE RJ45	Intel I350-AM4	No

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