

# FWA8308

## 1U Rackmount Network Appliance

Enterprise 1U Network Appliance with 4th Gen Intel® Core™ i7/i5/i3 / Xeon® Processor & up to 16 GbE Ports



### Features

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

### Specifications

CPU	LGA1150 socket for 4th Gen Intel® Core™ i7/i5/i3 / Xeon® processors
Chipset	Intel® C226 PCH Chipset
Memory	4x DDR3 DIMMs up to 1600MHz, Max. 32GB UDIMM (ECC or non-ECC)
Display	1x VGA via pin-header 1x LCM
Ethernet	On board: 1x Intel® I217LM + 7x Intel® I210-AT GbE NIC module slot: 1x IBP card, Max. 8 GbE
Bypass	2x segments, LAN 5/6 & 7/8
Expansion	1x mSATA socket 1x Mini PCI-E (PCIe & SATA signal) 1 or 2 PCI-E x8 slots on rear panel
IPMI	N/A
Storage	1x 2.5" or 3.5" SATA drive bay (depending on SKU) 1x CF slot
TPM	TPM 1.2
I/O	1x LCM 3x LED (Power / HDD / Status) 1x Factory default button (GPIO) 1x RJ45 console 2x USB 3.0
Power Supply	Full range 300W ATX power supply or 280W 1+1 Redundant power supply
Dimensions	440 mm (W) x 411.5 mm (D) x 44 mm (H) 17.3"(W) x 16.2"(D) x 1.73"(H)
Weight	9.0 kg (19.84 lbs)
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

### Ordering Information

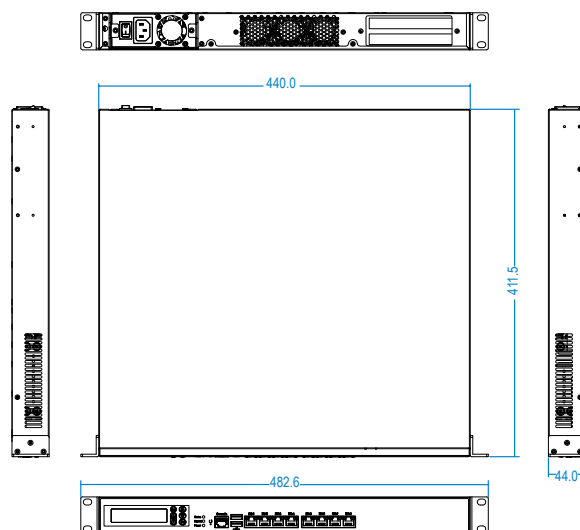
FWA8308	1U Rackmount Appliance, MB968 4th Gen Intel® Xeon® / Core™ i7/i5/i3 /Processors, 4x DDR3 DIMMs, Max. 16 GbE Ports, 300W PSU, CPU Cooler, 2.5" HDD Bracket, Barebone without CPU/RAM/HDD/IBP Card*
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\* For a complete system, some components must be ordered

### Accessories

VGA4	VGA cable
IP331	1-to-1 PCI-E 8x riser card
IP332	PCI-E 8x adapter card
IP333	2-to-2 PCI-E 8x 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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### Compatible Processors

FWA8308 Series	Compatible Processors	FWA8308 Series System Configurations									Remarks
		Front Expansion Card	IP331 1-1 Riser	IP332 PCI-E Adaptor	IP333 2-2 Riser	3.5" HDD Bracket	Single 2.5" HDD Bracket	Dual 2.5" HDD Bracket	Rear Expansion Slots	Power Supply	
FWA8308	E3-1275 v3 E3-1225 v3	Optional	1	1	N/A	N/A	1	Optional	1	300W PSU	1U 19" Rackmount, MB968, supports LGA1150 CPUs, 8x GbE, Eth5/6 & 7/8 Bypass, 300W PSU, LCM, CPU cooler, single 2.5" HDD bracket, IP331 & IP332, Barebone
FWA8308-RPSU	E3-1268L v3 i7-4770TE i7-4770S i5-4570S i5-4570TE i3-4330 i3-4330TE G3420	Optional	1	1	N/A	N/A	1	N/A	1	280W 1+1 Redundant PSU	1U 19" Rackmount, MB968, supports LGA1150 CPUs, 8x GbE, Eth5/6 & 7/8 Bypass, 280W1+1 Redundant PSU, LCM, CPU cooler, single 2.5" HDD bracket, IP331 & IP332, Barebone
FWA8308-2SLOT	G3320TE G1820TE G1820	N/A	N/A	N/A	1	1	N/A	Optional	2	300W PSU	1U 19" Rackmount, MB968, supports LGA1150 CPUs, 8x GbE, 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

Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit [www.ibase.com.tw](http://www.ibase.com.tw).