

FWA-4232

2U Rackmount Network Appliance with 4th gen. Intel® Xeon® Processor E3 series and Intel® Core™ i7/i5/i3 Processors, 2 NMC slots



Features

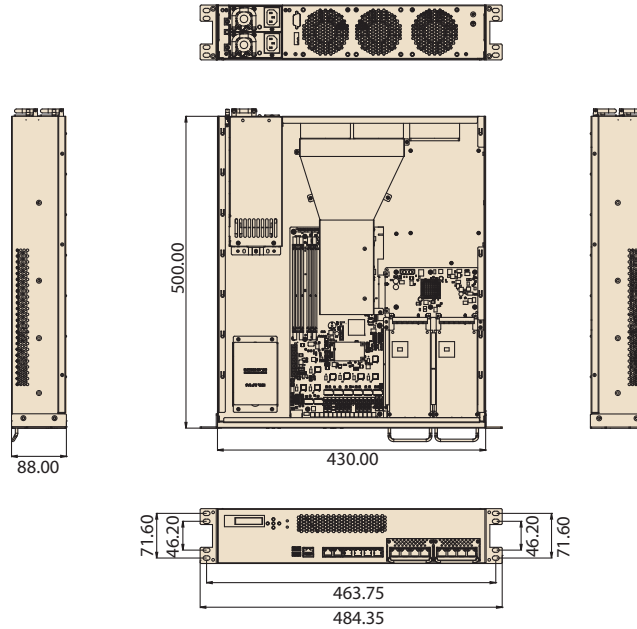
- Intel® Xeon® Processor E3 v3 family and 4th Gen Intel® Core™ i7/i5/i3 Processors, Intel® Pentium® and Intel® Celeron® Processor
- 4 x DDR3 Un-buffered 1333/1600 DIMMs, up to 32 GB
- 8 x Intel® i210-AT 10/100/1000 Mbps LAN on board with up to 3 bypass segments
- Up to 2 Network Mezzanine Cards(NMC) Slots for a wide range of GbE and 10GbE with or without bypass
- 2 x 2.5" and 2 x 3.5" SATA HDD/SSD and one HS/FS mSATA socket
- 1 PCIe x8 full-height/half-length add-on card

Specifications

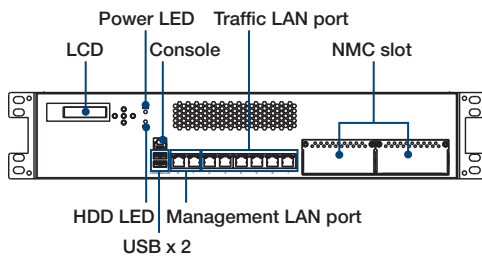
		FWA-4232A	FWA-4232B
Processor System	Processor	Socket LGA1150 Intel® Xeon® Processor E3-1275/E3-1225/ E3-1268LV3, 4th Gen Intel®Core™ Processors i7-4770S/ i5-4570TE/ i3-4360/ Intel® Pentium® Processor G3320TE and Intel® Celeron® Processor G1820TE	Socket LGA1150 4th Gen Intel® Core™ Processors i7-4770S/ i5-4570TE/ i3-4360/ Intel® Pentium® Processor G3320TE and Intel® Celeron® Processor G1820TE
	Core Number	2C/4C	
	Frequency	2.0GHz~3.5GHz	
	L2 Cache	2MB/3MB/4MB/6MB/8MB	
	Chipset	C226	H81
	BIOS	AMI Efi 64Mbit	
Memory	Technology	DDR3 1333/1600MHz	
	Max. Capacity	32GB	16GB
	Socket	4 x 240-pin UDIMM	2 x 240-pin UDIMM
	ECC Support	Yes	No
Networking	Controller	8 x Intel® i210-AT	6 x Intel® i210-AT
	1GbE	8 x 10/100/1000 Mbps RJ45	6 x 10/100/1000 Mbps RJ45
	LAN bypass	Advanced optional Legacy 3 x pair of LAN Bypass	optional 3 x pair of LAN Bypass
Expansion	PCIe x 8	1 x FH/HL gen3 x8 slot	NA
	NMC	2 x NMC	1 x NMC
Storage	2.5" HDD/SSD	2 x 2.5" SATA HDD/SSD bay	
	3.5" HDD	2 x 3.5" SATA HDD/SSD bay	
	mSATA SSD	1 x mSATA	
Display		1 x VGA box header	
I/O	Console port	1 x RJ45	
	USB3.0	2 x USB3.0	
	USB2.0	2 (pin header)	
	GPIO	8bits GPIO	
	LED Indicator	1 x Power LED, 1 x HDD LED	
	Reset button	Pin Header	
	Others	RS232	
TPM		TPM 1.2	
LCD Module		16 x 2 graphic display,5 buttons	
Power	Power Type	AC, redundant and non-redundant DC, redundant (optional)	AC, single power
	Watts	380W/ 300W(optional)	300W
	Input	100 V ~ 240 V -36 V _{DC} ~ -60 V _{DC}	100 V ~ 240 V
Environment	Operating Temperature (air flow 0.7 m/sec)	0 ~ 40 °C (32 ~ 104 °F)	
	Non-operating Temperature	-40 ~ 60° C (-40~140F)	
	Humidity	95% @ 40° C (non-condensing)	
	Vibration Resistance	with SATA HDD: 0.5 Grms, IEC 60068-2-64, 5-500Hz, 1hr/axis	
	Shock Protection	with SATA HDD: 10G, 11ms, IEC-60068-2-27, X,Y,X-X,-Y-Z axis, 3times per axis	
Cooling		3x system smart FAN	
Mechanical	Mounting	2U Rackmount	
	Dimensions (W x H x D)	430 x 88 x 500 mm (16.9" x 3.4" x 19.6")	
	Weight	20 kg	
OS Support		Linux (CentOS, Red Hat), Windows* 7	
Certification		CCC	

Dimensions

Unit: mm



Front Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	PCH	DDR3	1Gb LAN port	Console	USB 3.0	2.5" HDD	3.5" HDD	PCIe Expansion	NMC	Power
FWA-4232A-00A1E	C226	4	8	1	2	2	2	1 x PCIe x8	2	AC 380W redundant
FWA-4232A-01A1E	C226	4	8	1	2	2	2	1 x PCIe x8	2	AC 300W single
FWA-4232B-00A1E	H81	2	6	1	2	2	2	NA	2	AC 300W single

Packing List

Part Number	Description
1700012272	SATA Data Cable 25 cm
1700017838	SATA Data Cable 30 cm
1700018950	RJ-45 Console Cable 220 cm

Optional Accessories

Part Number	Description
1702002600	Power cord 3P 180cm, USA
1702002605	Power cord 3P 180cm, Europe
1702031801	Power cord 3P 180cm, UK
1700000237	Power cord 3P 180cm, JP
1700009652	Power cord 3P 180cm, China