

FWA-4030

2U Rackmount Network Appliance Platform based on Intel® Xeon® E3 series and 6th/7th generation Intel® Core™ i7/i5/i3 Processors, up to 4NMC slots

NEW



Features

- Intel® Xeon® E3-1200 v5/v6 family and 6th/7th gen. Intel® Core™ i7/i5/i3 processors , Intel® Pentium® and Intel® Celeron® Processor
- 4 x DDR4 2133/2400MHz ECC (Xeon CPU only) UDIMMs, up to 64GB
- 6 x Intel i210-AT 10/100/1000 Mbps LAN on board with up to 2 bypass segments
- 4 x Intel i210-AT 10/100/1000 Mbps LAN(RJ45 or SFP) as optional
- Up to 4 x NMC slots (Network Mezzanine Card) for a wide range of GbE, 10GbE and 40GbE NMCs with or without advanced LAN bypass
- 1 x PCIe x4 Slot on rear, support FH/HL add-on cards
- up to 4 x 3.5" HDD Bay(internal or external) , 1 x CF slot, 1xmSATA

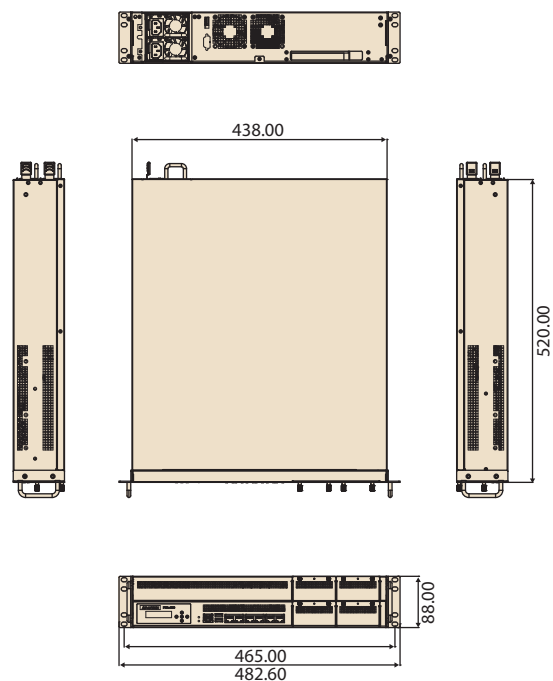


Specifications

Processor System	Processor	Socket LGA 1151 (E3-1200 v5/v6 and 6th/7th gen. Core™ i7/i5/i3 , Pentium® and Celeron®)
	Core Number	2C/4C
	Frequency	2.4GHz~3.9GHz
	L2 Cache	2MB/4MB/8MB
	Chipset	100 Series Chipset (C236/H110)
	BIOS	AMI Efi 64Mbit
Memory	Technology	DDR4 2133/2400MHz
	Max. Capacity	4 x DIMM Slots Expandable to 64GB
	Socket	4 x 288-pin UDIMM
	ECC Support	Yes (E3 CPU only)
Networking	Controller	6 x Intel i210-AT
	1GbE	6 x 10/100/1000 Mbps RJ45 as default 4 x 10/100/1000 Mbps RJ45 or SFP as optional
	LAN bypass	2 x pair of Advanced LAN Bypass
Expansion	PCIe x 4	1 x FH/HL gen3 PCIe x 4 slot
	NMC	2/4 NMCs
Storage	3.5" HDD	up to 4 x 3.5" HDD bay (by SKU)
	mSATA SSD	1 x mSATA Half Size
	CompactFlash/ CFast	1 x CF slot
Display		HDMI/ DVI
I/O	Console port	1 x RJ45
	USB3.0	4 (2 in front+2 with pin header)
	GPIO	16-bit GPIO
	LED Indicator	1 x Power led, 1 x HDD led
	Reset button	Pin Header
	Others	RS232,VGA option
TPM		-
LCD Module		16x2 graphic display,5 buttons
Power	Power Type	AC, redundant and non-redundant DC, redundant (optional)
	Watts	300W
	Input	100 V ~ 240 V
	Connector	AC 3pin plug / DC pin header
Environment	Operating Temperature (air flow 0.7 m/sec)	0 ~ 40 °C (32 ~ 104 °F)
	Non-operating Temperature	-40 ~ 60 °C (-40 ~ 140 °F) 5 ~ 95%
Mechanical	Construction	Iron
	Mounting	2U Rackmount
	Dimensions (W x H x D)	438 x 88 x 520 mm (17.24" x 3.4" x 20.4")
	Weight	20 KG
OS Support		Linux (CentOS, Red Hat, Ubuntu)
Advantech S/W Packages		QuickStart Linux Image (CentOS based reference BSP)
Certification		CCC/CE/FCC/CB/UL

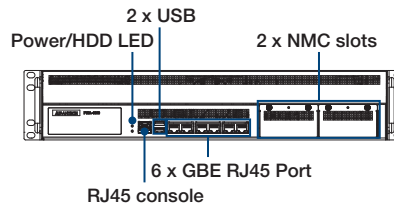
Dimensions

Unit: mm



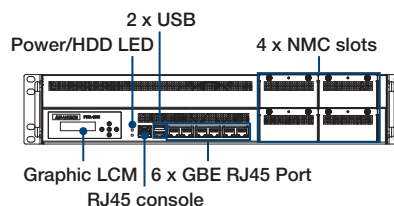
FWA-4030CL

Front Panel External I/O Mechanical Layout/Drawing



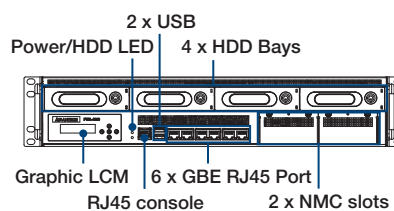
FWA-4030CN

Front Panel External I/O Mechanical Layout/Drawing

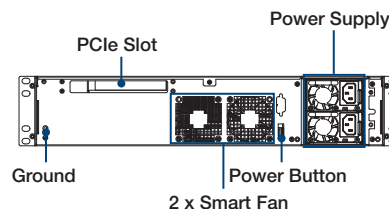


FWA-4030CS

Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	PCH	DDR4	1Gb LAN port	Console	USB 3.0	HDD bay	PCIe Expansion	NMC	Power
FWA-4030CL-00A1R	C236	4	6+4 (optional)	1	2	2x3.5 or 2.5	NA	2	AC 300W redundant
FWA-4030CN-00A1R	C236	4	6+4 (optional)	1	2	2x3.5 or 2.5	1PClex4	4	AC 300W redundant
FWA-4030CS-00A1R	C236	4	6+4 (optional)	1	2	4x3.5	1PClex4	2	AC 300W redundant
FWA-4030HL-00A1S	H110	2	6	1	2	2x3.5 or 2.5	NA	1	AC 300W single

Packing List

Part Number	Description
1700024783-01	SATA DATA CABLE 7P/SATA 7P, 30CM
1700020691-01	RJ-45 Console Cable ,220 cm
1960083584N001	2U Rack Mount Kit-2U2X

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
1700024673-11	HDMI cable,17.3cm
9680016905	2U slide rail, 26" (pair)