

FWA-2330

1U Rackmount Network Appliance with Intel® Celeron® Processor J1900 and 4 GbE ports



Features

- Supports Intel® Celeron® Processor J1900
- One DDR3L 1333/1600 SODIMM, up to 8 GB
- Four GbE LAN ports with 2 segments LAN bypass
- One mSATA Slot
- Supports one fixed 3.5" SATA HDD bay
- One NMC slot for Ethernet port expansion
- One Mini-PCIE slot

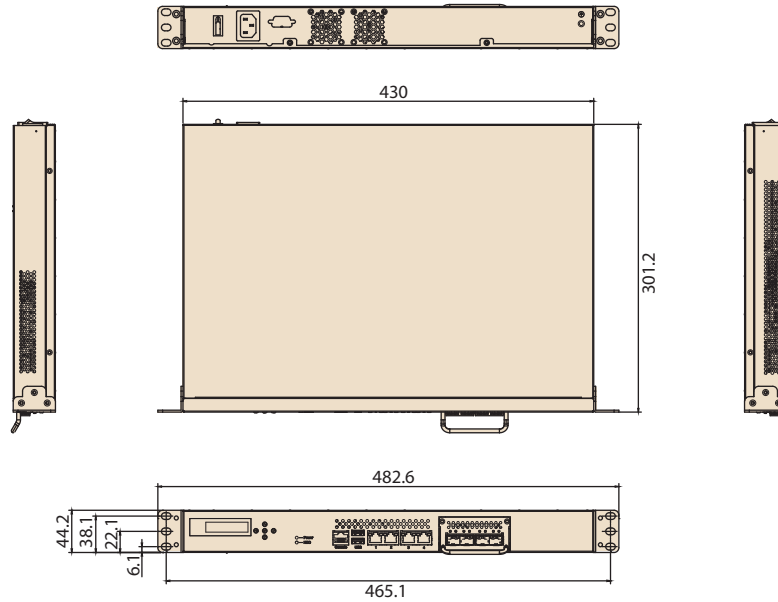


Specifications

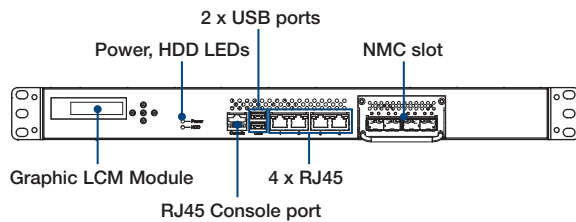
Processor System	CPU	Intel® Celeron® Processor J1900
	Max. Speed	2.0 GHz (4 Cores)
	L2 Cache	2MB
	BIOS	AMI 16 Mbit SPI
Memory	Technology	1 x DDR3L 1066/1333/1600 SODIMM
	Socket	1 x 204-pin SODIMM
	Capacity	8GB
	ECC Support	No
Networking	Controller	4 x Intel® i211-AT
	1GbE	4 x 10/100/1000 Mbps RJ45 via Intel® i211-AT
	Legacy LAN bypass	2 x pair of LAN Bypass
	PCIe x 4	1 x FH/HL gen2 x4 slot
Expansion	NMC	1 x NMC
Storage	3.5" HDD	1 x 3.5" HDD
	mSATA SSD	1 x mSATA Slot
I/O	Console port	1
	USB2.0	2
	LED Indicator	1 x Power, HDD LED
	Others	1 x power button
LCD Module		16x2 graphic display, 5 buttons
Power	Power Type	AC
	Watts	60W
	Input	100 V ~ 240 V
	Connector	AC 4pin plug
	Power Adaptor	AC, Openframe
Environment	Operating Temperature (air flow 0.7 m/sec)	0 ~ 40 °C (32 ~ 104 °F)
	Non-operating Temperature	-40 ~ 60° C (-40 ~ 140° F)
	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
Mechanical	Construction	Iron
	Mounting	1U Rackmount
	Dimensions (W x H x D)	430 x 44 x 301 mm (16.7" x 1.7" x 11.8")
	Weight	5.4 kg (11.9 lbs)
OS Support		Linux (CentOS, Red Hat)
Advantech S/W Packages		QuickStart Linux Image (CentOS based reference BSP) including <ul style="list-style-type: none"> ▪ afwu ▪ lmsensors ▪ flashrom ▪ Legacy LBP utility
		Individual packages: <ul style="list-style-type: none"> ▪ Legacy LBP utility
Certification		CE/FCC/CB/UL/CCC

Dimensions

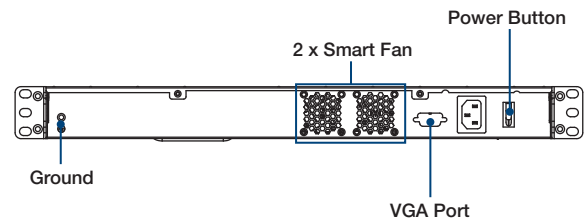
Unit: mm



Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	Processor	DDR3L	USB 2.0	RJ45 LAN Port	Console port	NMC Slot	mSATA	PSU
FWA-2330-00A1E	Intel® Celeron® J1900	1	2	4	1	1	1	Open Frame 60W

Packing List

Part Number	Description
1700018971	SATA Data cable 15cm
1700020691-01	Console cable D-sub 9-pin 2 m
1960063246N001	Rack mount Ear bracket

Optional Accessories

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