

FWA-T011

Tiny Network Appliance with Intel® Celeron® J3355/J3455 for Entry Level SD-WAN and Security Gateway



Features

- Industry-standard x86 platform for SOHO and small enterprise installations
- Certified by key ecosystem partners in NFV and security industry
- Tiny physical appearance and fan-less design supported by optional Wall/VESA/DIN-rail mounting kit
- Quad 1GbE RJ45 with optional 3G/4G LTE and Wifi connectivity
- Optional TPM2.0 or Non-TPM supported by request

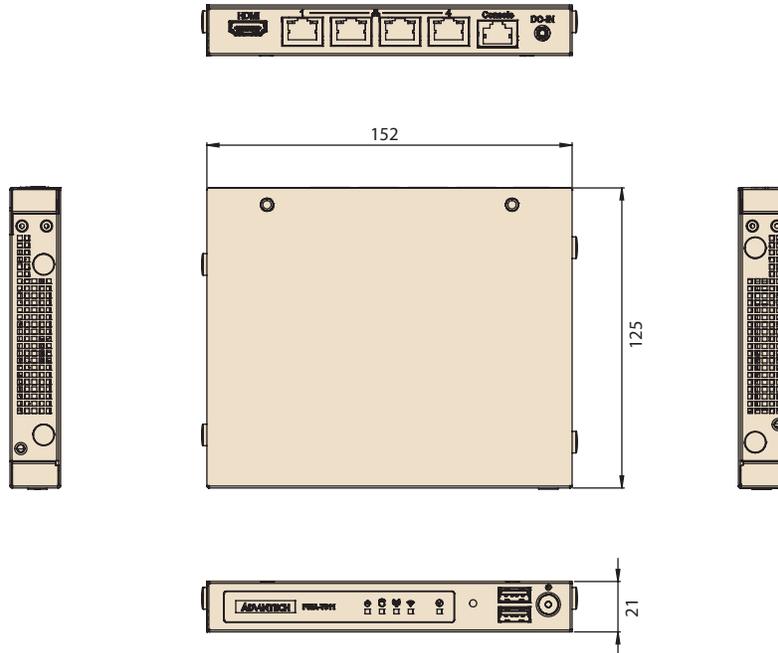


Specifications

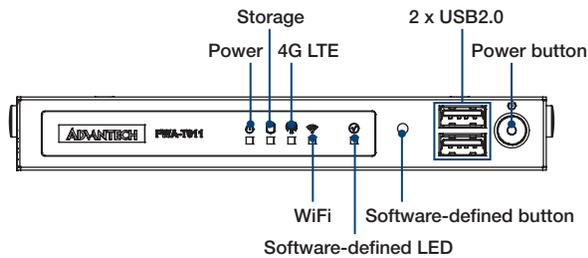
System P/N		FWA-T011L-2CA1S	FWA-T011L-4CA1S
Form Factor		Tabletop	
Processor System	Processor	Intel® Celeron® J3355	Intel® Celeron® J3455
	Core Count	2	4
	Base Frequency	2.0GHz	1.5GHz
	L2 Cache	2MB	2MB
	BIOS	AMI UEFI	
Virtualization		VT-x, VT-d	
Memory	Technology	DDR3L 1600/1866MHz	
	Max. Capacity	8GB	
	Socket	1 x 204-pin SO-DIMM	
	ECC Support	Non-ECC	
Networking	Controller	4 x Intel i210-AT	
	1GbE	4 x 10/100/1000BASE-T RJ45 port	
Expansion Slot	M.2 PCIe	1 x M.2 2230 for WiFi/BT module with 2 x antenna holes 1 x M.2 3042 for 3G/4G LTE module with 2 x antenna holes	
	SIM Socket	1 x Mini SIM type (25 x 15mm)	
Storage	M.2	1 x M.2 2280 SATA3.0	
I/O	Console	1 x RJ45 port	
	USB	2 x USB2.0 Type A host port	
	LED Indicator	Power, HDD, 4G LTE, WiFi, Software-defined status	
	Button	1 x Power button, 1 x Software-defined button	
TPM		TPM1.2 (Optional TPM2.0 or non-TPM by request)	
Power Supply	Power Type	External Power Adapter	
	Watts	36W	
	Input	100 ~ 240VAC, 50/60Hz	
	Connector	AC 3pin connector	
Environment	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)	
	Non-operating Temperature	-40 ~ 70 °C (-40 ~ 158 °F), 60 °C@95% Non-Condensing Humidity	
Cooling		Fanless	
Mechanical	Construction	Steel	
	Mounting	Optional DIN-Rail, Wall and VESA mounting kit	
	Dimensions (W x H x D)	152 x 21 x 125 mm (5.9" x 0.8" x 4.9")	
	Weight	0.7 Kg (1.55lb)	
OS Support		Linux, Windows10	
Advantech S/W Packages		QuickStart Linux Image, Server iManager	
Certification	EMC/Safety	CE, FCC, UL, CB, CCC	
	Others	ROHS, REACH, WEEE	

Dimensions

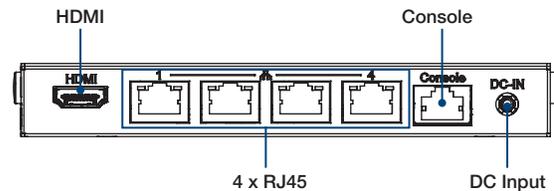
Unit: mm



Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	Processor	DDR3L	M.2 2280 SSD slot	USB2.0	HDMI	Console Port	LAN Port 1G RJ45	System Fan	PSU
FWA-T011L-2CA1S	J3355	1	1	2	1	1	4	Fan-less	36W
FWA-T011L-4CA1S	J3455	1	1	2	1	1	4	Fan-less	36W

Packing List

Part Number	Description	Quantity
96PSA-A36W12R1-3	ADP A/D 100-240V 36W 12V DC	1
1960085117N002	Wall Mounting Kit Bracket	2
1931030520	Wall Mounting Kit Bracket Screws	4
19350304A0	M.2 Screws	2

Optional Accessories

Part Number	Description
1700001524	Canada, Philippines, Taiwan, Thailand, USA
170203183C	Europe, Indonesia, Israel
170203180A-01	Malaysia, Singapore, UK
1700008921	Japan
1700018409	Korea
1700019146	China
FWA-T011-WMK	Wall/VESA/DIN-rail mounting kit