

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

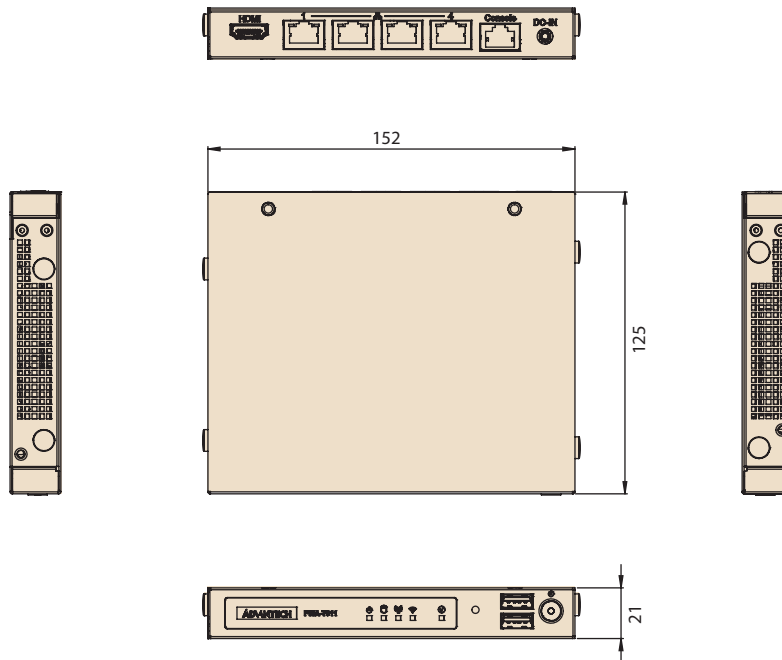


Specifications

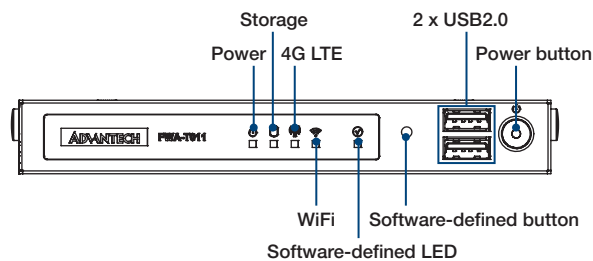
Form Factor		Tiny box	
Processor System ^{Note1}	Processor	Intel® Celeron® J3355	Intel® Celeron® J3455
	Core Number	2C	4C
	Frequency	2.0GHz	1.5GHz
	L2 Cache	2MB	2MB
	BIOS	AMI Efi 64Mbit	
Virtualization		VT-x, VT-d	
Memory	Technology	DDR3L 1600/1866MHz	
	Max. Capacity	8GB	
	Socket	1 x 204-pin SO-DIMM	
	ECC Support	Non-ECC	
Networking	Controller	4 x Intel i210-AT	4 x Intel i210-AT
	1GbE	4 x 10/100/1000BASE-T RJ45 port	
Expansion	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)	
	M.2 SSD	1 x M.2 2280 SATA3.0	
Storage		1 x HDMI port	
Display			
I/O	Console port	1 x RJ45 port	
	USB2.0	2 x USB2.0 Type A host port	
	LED Indicator	Power, HDD, 4G LTE, WiFi, Software-defined status	
	Others	1 x Power button 1 x Software-defined button	
TPM		TPM1.2 (Optional TPM2.0 or non-TPM by request)	
External Power Adaptor	Power Type	ATX mode	
	Watts	36W	
	Input	100 ~ 240V _{AC} , 50/60Hz	
	Connector	DC Jack	
Environment	Output	12V _{DC} 3A, 36W	
	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F) with 0.7m/s air flow	
Cooling	Non-operating Temperature	-40 ~ 85 °C (-40 ~ 185 °F) and 40 °C @ 95% RH Non-Condensing	
		Fanless	
Mechanical	Construction	Iron	
	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	Safety	UL, CB, CCC	
	EMC	CE EN55032/EN55024 ClassB, FCC ClassB, AS/NZS CISPR32	
	ROHS	ROHS, REACH, WEEE	

Dimensions

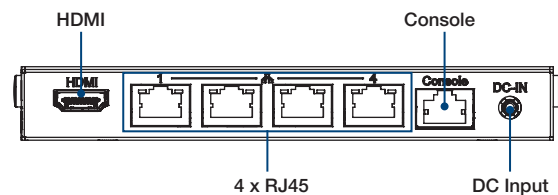
Unit: mm



Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	Description
FWA-T011L-2CA1S	Intel® Celeron® J3355 2Core 2.0GHz, 36W ADP
FWA-T011L-4CA1S	Intel® Celeron® J3455 4Core 1.5GHz, 36W ADP

Packing List

Part Number	Description
96PSA-A36W12R1	AC-to-DC Adaptor, DC 12V 36W
FWA-T011L-2CA1S or FWA-T011L-4CA1S	FWA-T011 System
19350304A0	M.2 screws
1931030520	Wall Mounting Kit Screws
1960085117N001	Wall Mounting Kit
202KAKMC00	China ROHS Letter

Optional Accessories

Part Number	Description
1700001524	Canada, Philippines, Taiwan, Thailand, USA
170203183C	Europe, Indonesia, Israel
170203180A	Malaysia, Singapore, UK
1700008921	Japan
1700025113-11	India
1700018409	Korea
1700019146	China
1700025015-01	South Africa
1960087509N001	VESA Accessory
1960018849T000	DIN Rail Accessory
1960085117N001	Wall Mounting Kit
FWA-T011-WLAN	FWA-T011 WIFI+BT KIT
FWA-T011-WWAN	FWA-T011 LTE Kit (EMEA & North America)