

# 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

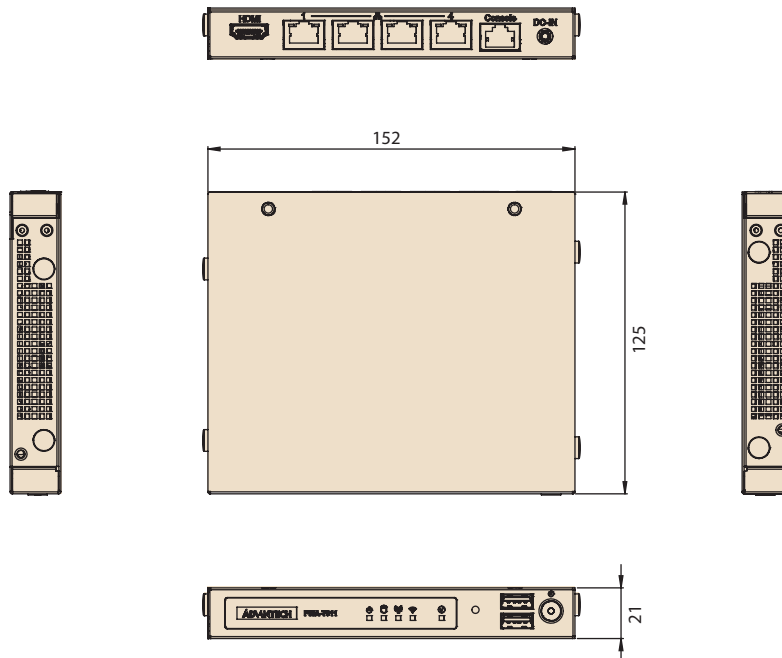


### Specifications

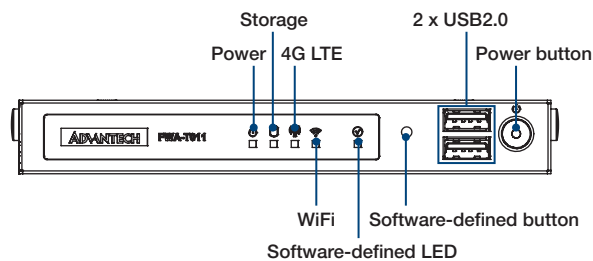
Form Factor	Tiny box		
Processor System <sup>Note1</sup>	Processor	Intel® Celeron® J3355	Intel® Celeron® J3455
	Core Number	2C	4C
	Frequency	2.0GHz	1.5GHz
	L2 Cache	2MB	2MB
	BIOS	AMI Efi 64Mbit	
Virtualization	VT-x, VT-d		
Memory	Technology	DDR3L 1600/1866MHz	
	Max. Capacity	8GB	
	Socket	1 x 204-pin SO-DIMM	
	ECC Support	Non-ECC	
Networking	Controller	4 x Intel i211-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)	
Storage	M.2 SSD	1 x M.2 2280 SATA3.0	
Display	1 x HDMI port		
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 <sub>AC</sub> , 50/60Hz	
	Connector	DC Jack	
Environment	Output	12V <sub>DC</sub> 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	
Mechanical	Cooling	Fanless	
	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")	
OS Support	Weight	0.7 Kg (1.55lb)	
	Advantech S/W Packages	Linux, Windows10	
Certification	Safety	UL, CB, CCC	
	EMC	CE EN55032/EN55024 ClassB, FCC ClassB, AS/NZS CISPR32	
	ROHS	ROHS, REACH, WEEE	

## Dimensions

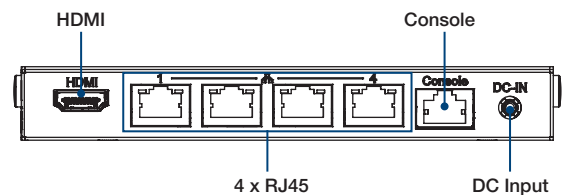
Unit: mm



### 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)