

FWA-T011

Tiny Network Appliance with Intel® Celeron® N3350/Pentium® N4200 for entry universal vCPE and SD-WAN

Preliminary



Features

- Industry-standard x86 platform for SOHO and small enterprise installations
- Quad 1GbE RJ45 with optional 4G LTE (uplink/backup) for WAN/cloud connectivity
- Small enclosure with multiple mounting kit options to suit different environment
- Enhanced software package for additional services assurance
- Optional TPM, WiFi and HDMI for flexible deployment

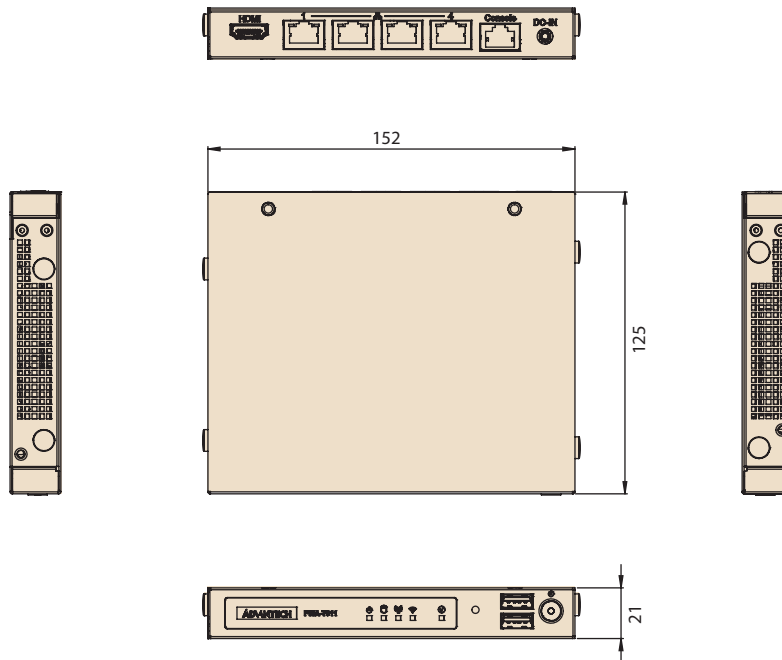
Specifications

Form Factor		Tiny box	
Processor System ^{Note1}	Processor	Intel® Celeron® N3350	Intel® Pentium® N4200
	Core Number	2C	4C
	Frequency	1.1GHz	1.1GHz
	L2 Cache	2MB	2MB
	BIOS	AMI Efi 64Mbit	
Virtualization		VT-x, VT-d	
Memory	Technology	DDR3L/LPDDR3 1600/1866MHz	
	Max. Capacity	8GB	
	Socket	1 x 204-pin SO-DIMM	
	ECC Support	Non-ECC	
Networking	Controller	4 x Intel i210	
	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 (925 x 15 mm)	
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 (non-TPM support by request)	
Power	Power Type	ATX mode	
	Watts	36W	
	Input	100 V ~ 240 V	
	Connector	DC Jack	
	Power Adaptor	12V 3A, 36W external adaptor	
Environment	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F) with 0.7m/s air flow	
	Non-operating Temperature	-40 ~ 85 °C (-40 ~ 185 °F) and 40 °C @ 95% RH Non-Condensing	
Cooling		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		TBD	
Certification		TBD	

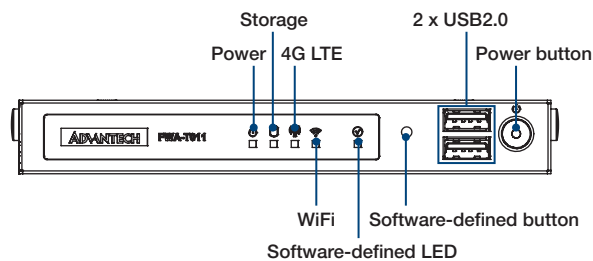
Note1: Other processor can be supported by request

Dimensions

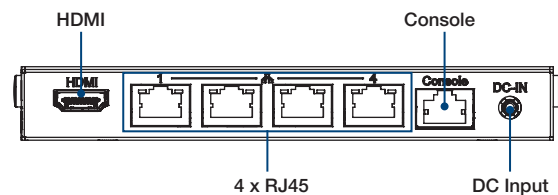
Unit: mm



Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

Part Number	Description
FWA-T011-2CA1S	Intel Celeron N3350 2Core 1.1GHz, 36W ADP
FWA-T011-4CA1S	Intel Pentium N4200 4Core 1.1GHz, 36W ADP

Packing List

Part Number	Description
96PSA-A36W12R1	AC-to-DC Adaptor, DC 12V 36W
TBD	China RoHS letter
193000688-01	M.2 SSD screws

Optional Accessories

Part Number	Description
1700001524	Canada, Philippines, Taiwan, Thailand, USA
170203183C	Europe, Indonesia, Israel
170203180A	Malaysia, Singapore, UK
1700008921	Japan
1700024849-01	Taiwan
1700018409	Korea
1700019146	China
1700025015-01	South Africa
TBD	VESA Mounting kit
TBD	DIM Rail Mounting Kit
1960085117N001	Wall Mounting Kit