

FWA-FLEXIWAN

Pre-configured Slim uCPE with Ubuntu & flexiWAN SD-WAN



Delivered by Canonical



FWA-T011

I Features

- Verified uCPE configuration pre-loaded and pre-tested with Ubuntu 18.04 LTS + flexiWAN flexiEdge SD-WAN
- Pre-configured to boot out-of-the box with zero touch provisioning
- Based on Advantech FWA-T011 slim uCPE for entry-level deployments
- Features include:
 - Multi-Tenant Accounts and Users, Organization based inventory
 - IPSec over VxLAN tunnels, Tunnel quality metrics
 - Internet Breakout, Static routes configuration
 - Dashboards, Credit card based billing
 - Scheduled auto software upgrade, Northbound API access keys

I Overview

The FWA-FLEXIWAN Starter Kit simplifies the development and testing of entry level white box SD-WAN solutions based on the Advantech FWA-T011. Designed for bare metal deployments, the kit is pre-configured with Ubuntu 18.04 LTS and the flexiWAN flexiEdge software installed as a debian package. The installation adds all the necessary components required for running the flexiEdge router including VPP, FRR, and flexiWAN Agent. All components are installed as Ubuntu system services. As both the Ubuntu and flexiWAN components are open source they require no additional software licenses.

flexiWAN flexiEdge Open-source SD-WAN

flexiWAN flexiEdge is a centrally managed SD-WAN package with integration points in its core that allow for 3rd party logic to be integrated in a performance efficient way. Delivered as an open source package, it is democratizing the second Wave of SD-WAN, allowing enterprises and service providers to better manage and control their networks, and improve the way data/traffic is handled.

Starter Kits

For more information about pricing and ordering please contact us at cloud.iot@advantech.com.

Advantech model		FWA-T011
Advantech part number		FWA-T011FLX-4CA1S
FlexiWAN sku		FWA-FLEXIWAN-1
SPEC		
Form Factor		Tabletop
Processor System	Processor	Intel® Celeron® Processor J3455
	Core Number	4C/4T
	Frequency	1.5GHz
Memory		Single 4GB Non-ECC SO-DIMM
Storage		Single 64GB M.2 SSD
Ethernet		4x RJ45
WWAN (LTE or 5G)	Spec	Optional
WLAN (WiFi)		Optional
Power supply		External 36W adaptor
Rack-mount kit		Optional
Pre-installed Software		Ubuntu + Open source flexiWAN flexiEdge SD-WAN Software