FWA-ENEA-FLEXIWAN

Pre-configured uCPEs with Enea NFV Access & flexiWAN SD-WAN

FWA-1012VC

FWA-3050

Features

- Verified uCPE configurations pre-loaded and pre-tested with Enea NFV Access
- Includes flexiWAN flexiEdge SD-WAN VNF
- Pre-configured to boot out-of-the box with zero touch provisioning
- Based on Advantech's mainstream whitebox uCPEs: The FWA-1012VC for wide-scale entry to mid-range deployements and the highly configurable FWA-3050 for mid to hi-end enterprise needs.

Overview

Advantech, Enea and flexiWAN have teamed up to make available 3 starter kits that simplify the development and testing of second-generation SD-WAN solutions. The kits are configured with Enea NFV Access, a small footprint, high performance virtualization platform pre-installed on Advantech white box uCPEs. Each kit includes flexiWAN flexiEdge SD-WAN VNF.

Enea NFV Access

Enea NFV Access is a complete NFVI platform designed for deployment at the customer premise, and optimized for common vCPE and SD-WAN use cases. Not based on OpenStack, it is able to provide full throughput and performance with minimal footprint. It depends on as little as one CPU core and scales to high-end Intel Xeon devices, leading to high deployment flexibility.

flexiWAN flexiEdge Open-source SD-WAN

flexiWAN flexiEdge is a centrally managed SD-WAN VNF 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-1012VC		FWA-3050
Advantech part number		FWA-1012ENFX-4CA1S	FWA-1012ENFX-8CA1S	FWA-3050ENFX-12A1R
ENEA-FlexiWAN sku		FWA-ENEA-FLEXI-1	FWA-ENEA-FLEXI-2	FWA-ENEA-FLEXI-3
SPEC				
Form Factor		Tabletop	Tabletop	1U Rackmount
Processor System	Processor	Intel® Atom™ C3558	Intel® Atom™ C3758	Intel® Xeon D-2163IT
	Core Number	4-core	8-core	12-core
	Frequency	2.2GHz	2.2GHz	2.1GHz
Memory		Single 8GB ECC UDIMM	Two 8GB ECC UDIMM	Four 8GB ECC UDIMM
Storage		Single 64GB M.2 SSD	Single 128GB M.2 SSD	Single 256GB M.2 SSD
Ethernet		2x 1G SFP 4x RJ45	2 x 1G SFP 6x RJ45(2 for POE)	4 x 10G SFP+ 2x RJ45 (Management) 8x RJ45
WWAN (LTE or 5G)	Spec	Optional	Optional	Optional
	SIM Socket	-	-	-
WLAN (WiFi)		Optional	Optional	Optional
ExpansionNote	PCIe expansion slot	-	-	1
	NMC slot	-	-	1
BMC		-	-	Yes
Power supply		External 60W adaptor	External 60W adaptor	Internal 300W AC PSU
Power supply redundancy		-	-	Yes
Rack-mount kit		Optional	Optional	Yes
Slide rail		-	-	Optional
Pre-installed Software		Enea NFVAccess + Open source FlexiWAN flexiEdge SD-WAN		