



## Versa SD-WAN White-Box Appliances

Versa Networks offers a range of certified SD-WAN white-box appliances that come preloaded with the Versa Operating System™ (VOS™) software. All white-box appliances must pass the Versa Networks Platform Qualification Service, which certifies the unit and its specific configuration for use by Versa customers. After a white-box appliance is certified, Versa works with the white-box vendor to add these units to the Versa Certified Appliance catalog. The catalog also contains pricing and terms for distribution and Return Material Authorization (RMA) services.

The Versa-certified SD-WAN white-box vendors are Advantech, Caswell, Dell, Lanner, and Silicom. To use the Versa SD-WAN software, you must purchase a Versa-certified appliance from one of these vendors.

The Versa certified white-box appliance models are named as Vxx or Vxxx. Table 1 lists the Versa-certified white-box appliances available as of May 9, 2019. For details about the appliance specifications, contact the appropriate vendor.

**Table 1: Certified SD-WAN White-Box Appliances**

Model	SD-WAN Performance	Integrated LTE, WiFi Options	SD-WAN, NGFW	UTM	uCPE	Gateway, Router, Firewall	Processor Family	Typical Deployment
V110	400+ Mbps	Yes	Yes	Yes	No	Yes	Atom	Small branch
V120	1+ Gbps	Yes	Yes	Yes	Yes	Yes	Atom	Medium, large branch
V200	200+ Mbps	Yes	Yes	No	No	Yes	Atom	Small, medium branch
V210	750+ Mbps	Yes	Yes	Yes	No	Yes	Atom	Small, medium branch
V220	2+ Gbps	Yes	Yes	Yes	Yes	Yes	Atom	Medium, large branch
V240	4+ Gbps	Yes	Yes	Yes	Yes	Yes	Atom	Medium, large branch

Model	SD-WAN Performance	Integrated LTE, WiFi Options	SD-WAN, NGFW	UTM	uCPE	Gateway, Router, Firewall	Processor Family	Typical Deployment
V800	4 Gbps	N/A	Yes	Yes	Yes	Yes	Xeon-D	HQ, campus edge
V810	6 Gbps	N/A	Yes	Yes	Yes	Yes	Xeon-D	HQ, campus edge
V850	8 Gbps	N/A	Yes	Yes	Yes	Yes	Xeon	Medium, large branch
V910	6 Gbps	N/A	Yes	Yes	Yes	Yes	Xeon-D	HQ, campus edge
V930	12 Gbps	N/A	Yes	Yes	Yes	Yes	Xeon-D	Data center
V1000	14+ Gbps	N/A	Yes	Yes	Yes	Yes	Xeon	Data center
V1800	22 Gbps	N/A	Yes	Yes	Yes	Yes	Xeon	Data center
V2800	50+ Gbps	N/A	Yes	Yes	Yes	Yes	Xeon	Data center

Table 2 lists the UTM software components supported, and their performance, on a subset of the available SD-WAN white-box appliances.

**Table 2: UTM Software Components Supported on a Subset of Certified SD-WAN White-Box Appliances**

		UTM Features	
Model	Antivirus, NGFW	IPS, NGFW	Antivirus, IPS, NGFW
V200	Not available	Not available	Not available
V110	150 Mbps	100 Mbps	90 Mbps
V210	200 Mbps	150 Mbps	120 Mbps
V120	500 Mbps	300 Mbps	200 Mbps
V220	600 Mbps	350 Mbps	250 Mbps
V240	1.2 Gbps	750 Mbps	600 Mbps
V810, V910	1 Gbps	500 Mbps	400 Mbps
V850	2.7 Gbps	2.15 Gbps	1.3 Gbps
V930	2.5 Gbps	1 Gbps	750 Mbps
V1000	3 Gbps	2 Gbps	1.5 Gbps
V1800	8 Gbps	6 Gbps	5 Gbps
V2800	20 Gbps	15 Gbps	12 Gbps

Versa Networks also offers a ruggedized and temperature-hardened appliance for industrial deployments.

The VH115-L5812-W1901 model is based on the Dell EPC-5000 appliance and provides the following features:

- Performance up to 600+ Mbps
- Fixed interfaces, integrated LTE and WiFi
- Ruggedized to meet MIL-STD-810G
- Passive cooling
- Extended temperature range from 0 through 50° C
- i7 processor family

VOS device and encryption certificates are not installed on the VH115-L5812-W1901 appliance. These items need to be installed in the field or by a third-party partner.

## White-Box Appliance End-of-Support

White-box vendors are responsible for announcing end-of-life (EOL) or end-of-support (EOS) of their hardware platforms. Versa Networks does not influence the EOL or EOS decisions of white-box manufacturers. Versa Networks maintains and supports white-box software until it reaches the EOL and EOS states.

[https://docs.versa-networks.com/Hardware/Versa\\_SD-WAN\\_White-Box\\_Appliances/Versa\\_SD-WAN\\_White-Box\\_Appliances](https://docs.versa-networks.com/Hardware/Versa_SD-WAN_White-Box_Appliances/Versa_SD-WAN_White-Box_Appliances)

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## White-Box Appliance Software EOS Communication and Updates

Versa Networks communicates the software EOS for white-box appliances, regardless of the white-box appliance manufacturer's EOS. Versa is committed to providing timely updates about any changes in EOS status.

For more information about hardware requirements for Versa Networks solutions, see [Hardware and Software Requirements for Headend](#).

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## Additional Information

[Configure uCPE on a VOS Device](#)

[Hardware and Software Requirements for Headend](#)