



# FireEye Endpoint Security Specification Sheet

## Overview

FireEye Endpoint Security combines the best of legacy endpoint security products, and enhances it with FireEye technology, expertise and intelligence to defend against today's cyber attacks.

## Deployment options

Endpoint Security can be deployed as an on-premise hardware appliance that protects up to 100,000 endpoints, a virtual appliance, or through a cloud instance. The HX4502 physical appliance can be used for either core or DMZ deployment — the only difference is the license state of each device; the hardware is identical.

**Table 1.** Virtual appliance specifications.

License Model	HX2500V (D)	HX2502V	HX4500V (D)	HX4502V
Max Endpoints Supported	15,000	15,000	100,000	100,000
CPU	4 cores	4 cores	8 cores	8 cores
Memory	16 GB RAM	16 GB RAM	64 GB RAM	64 GB RAM
Disk	512 GB Disk	1200 GB Disk	1200 Disk	3600 GB Disk
Virtual NICs	2 vmxnet3 interfaces	2 vmxnet3 interfaces	2 vmxnet3 interfaces	2 vmxnet3 interfaces

## Virtual appliance requirements

Endpoint Security virtual appliances require the following VMware resources:

- VMware ESXi host version 6.0 or later. Earlier ESXi versions are not supported
- VMware vSphere Client
- VMXNET 3 network drivers
- Standard virtual switch created for the monitoring ports of the virtual appliances, and attached to a physical network adapter on the ESXi server.
- VMware vCenter Server (recommended). When using vSphere Client to add virtual appliances to vCenter Server, the Deploy OVG Template wizard provides an easy way to enter activation code. Otherwise, you must type it in the virtual appliance console, because you cannot paste into this console.

**Table 2.** Physical appliance specifications.

Model Name	HX4502 or HX4502-D
Maximum Endpoints Managed	100,000
Form Factor	1U
CPU Description	E3-1240 v5, 4c, 3.5GHz
CPU Count	1
Memory Description	DDR4 ECC UDIMM 16GB, 2133MHz
DIMM Quantity	4
Total Memory (GB)	64
Motherboard Interface Ports	2x 1GigE BaseT, 1x IPMI, 2x USB2 (rear), 2x USB3 (rear), 1x DB9 Serial, 1x VGA
Addon Modules	TPM 1.2 (9655 4.34)
Addon Cards	LSI9341-4i, 2x 1GigE BaseT
Effective Storage Capacity	8TB
Storage Quantity	4
Unit Storage Capacity	4TB
Storage Type	HDD, 3.5", SAS3, 7.2krpm
RAID Types	RAID 10
Chassis Dimensions WxDxH inch (mm)	17.2in (437mm) x 25.6in (650mm) x 1.7in (43.2mm)
Chassis Weight lbs (Kg)	30.0 lbs. (13.6Kg)
As-shipped Packaged WxDxH in (mm)	34.5in (880mm) x 23.5in (600mm) x 9.25in (180mm)
As-shipped Packaged Weight lbs. (Kg)	41.0lbs. (18.6Kg)
Thermal Max Power BTU / Hr. (W)	836BTU / Hr (245W)
PSU	Redundant (1+1) 750 watt, 100 - 240 VAC 8.0 - 4.5A, 50-60 Hz IEC60320-C14 inlet, FRU
MTBF (Hrs.)	54,200
Compliance Safety	UL 60950-1-2014; CAN/; CSA C22.2 No. 60950-1-07; Am.1:2011+Am.2:2014; AS/NSZ 60950.1- 2011
Compliance EMC	FCC Part 15 SubPart B Class A; ICES-003 Class A; EN55022 Class A; VCCI V-3 Class A; EN 55024; EN61000-3-2 Class A; EN 61000-3-3; CNS 13438 (2006) Class A; CISPR22 Class A; AS/NZS CISPR 22 Class A; KN 32; KN 35
Environmental Compliance	RoHS; REACH; WEEE
Operating Temperature	32 - 95° F (0 - 35° C)
Operating Humidity	10 - 95% @ 40° C, non-condensing
Non-Operating Temperature	-40 - 158° F (-40 - 70° C)
Non-Operating Humidity	10 - 95% @ 60° C, non-condensing
Operating Altitude	5000 ft. (1524 m.)

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FireEye is the intelligence-led security company. Working as a seamless, scalable extension of customer security operations, FireEye offers a single platform that blends innovative security technologies, nation-state grade threat intelligence and world-renowned Mandiant® consulting. With this approach, FireEye eliminates the complexity and burden of cyber security for organizations struggling to prepare for, prevent and respond to cyber attacks. FireEye has over 6,600 customers across 67 countries, including more than 45 percent of the Forbes Global 2000.

