Greenbone Enterprise Appliances
Model Overview Hardware Solutions

Model	Greenbone Enterprise 6500	Greenbone Enterprise 5400	Greenbone Enterprise 650	Greenbone Enterprise 600	Greenbone Enterprise 450	Greenbone Enterprise 400	Greenbone Enterprise 150	Greenbone Enterprise 35
Overview								
Class	Large enterprises/ service providers	Large enterprises/ service providers	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Small and medium enterprises/small branch locations	Sensor for managed services/ branch-location scans
Estimated Scan Capacity [1]	Up to 60,000 IP addresses per 24 h	Up to 30,000 IP addresses per 24 h	Up to 8,000 IP addresses per 24 h	Up to 6,000 IP addresses per 24 h	Up to 4,000 IP addresses per 24 h	Up to 1,000 IP addresses per 24 h	Up to 250 IP addresses per 24 h	Up to 200 IP addresses per 24 h
Enterprise Feed [2]	✓	✓	✓	✓	✓	✓	✓	✓
Software Updates [2]	✓	✓	✓	✓	✓	✓	✓	✓
Hardware Replacement [2]	✓	✓	✓	✓	✓	✓	✓	✓
Technical Support [2]	✓	✓	✓	✓	✓	✓	✓	✓
Specifications								
Revision	2	2	2	2	2	2	1	1
Certifications	• RoHS • CE/FCC Class A • UL	• RoHS • CE/FCC Class A • UL	• CE/FCC Class A • CE-LVD	• CE/FCC Class A • CE-LVD	• CE/FCC Class A • CE-LVD	• CE/FCC Class A • CE-LVD	CE/FCC Class A	CE/FCC Class A
Power Supply	1x 850 W 1+1 CRPS	1x 850 W 1+1 CRPS	1x 300 W	1x 300 W	1x 300 W	1x 300 W	1x 40 W	1x 40 W
CPU	36 threads, up to 3.2 GHz	20 threads, up to 3.2 GHz	16 threads, up to 3.4 GHz	8 threads, up to 3.4 GHz	8 threads, up to 3.4 GHz	4 threads, up to 3.4 GHz	2 threads, up to 1.1 GHz	2 threads, up to 1.1 GHz
Memory	32 GB DDR4	24 GB DDR4	32 GB DDR4	16 GB DDR4	16 GB DDR4	12 GB DDR4	8 GB DDR3	8 GB DDR3
Data Storage	4x 1 TB NVMe SSD (hot-swappable)	4x 1 TB NVMe SSD (hot-swappable)	1x 1 TB NVMe SSD	1x 1 TB NVMe SSD	1x 1 TB NVMe SSD	1x 1 TB NVMe SSD	1x 64 GB SATA DOM	1x 64 GB SATA DOM
Flash Recovery Drive	✓	✓	✓	✓	✓	✓	✓	✓
Ethernet Ports	• 2x RJ45 Gigabit (out-of-band management) • Up to 8 RJ45 Gigabit per optional module [3] • Up to 8 SFP/2 SFP+ per optional module [3]	• 2x RJ45 Gigabit (out-of-band management) • Up to 8 RJ45 Gigabit per optional module [3] • Up to 8 SFP/2 SFP+ per optional module [3]	• 8x RJ45 Gigabit • 2x SFP	• 8x RJ45 Gigabit • 2x SFP	• 8x RJ45 Gigabit • 2x SFP	• 8x RJ45 Gigabit • 2x SFP	4x RJ45 Gigabit	4x RJ45 Gigabit
Console Ports	• 1x RJ45 • 1x Mini-USB	• 1x RJ45 • 1x Mini-USB	1x RJ45	1x RJ45	1x RJ45	1x RJ45	1x RJ45	1x RJ45
USB Ports (Type A)	• 2x USB 3.0 (front) • 1x USB 2.0 (back)	• 2x USB 3.0 (front) • 1x USB 2.0 (back)	2x USB 3.0 (front)	2x USB 3.0 (front)	2x USB 3.0 (front)	2x USB 3.0 (front)	2x USB 3.0 (front)	2x USB 3.0 (front)
Graphics Connector	1x VGA	1x VGA	1x VGA	1x VGA	1x VGA	1x VGA	1x HDMI	1x HDMI
LCD	✓	✓	✓	✓	✓	✓	✗	✗
Environment								
Width	438 mm (480 mm with rack mount)	438 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)	430 mm (480 mm with rack mount)
Height	88 mm (2 U)	88 mm (2 U)	44 mm (1 U)	44 mm (1 U)	44 mm (1 U)	44 mm (1 U)	44 mm (1 U)	44 mm (1 U)
Depth	600 mm	600 mm	300 mm	300 mm	300 mm	300 mm	200 mm	200 mm
Weight	24 kg	24 kg	4.7 kg	4.7 kg	4.7 kg	4.7 kg	4 kg	4 kg
Rack Mount Set	✓	✓	✓	✓	✓	✓	✓	✓
Temperature	• Operating: 0–40 °C • Storage: -20–70 °C	• Operating: 0–40 °C • Storage: -20–70 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C	• Operating: 0–45 °C • Storage: -20–80 °C
Humidity	5–90 % (non-condensing)	5–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)	10–90 % (non-condensing)
Feature Set								
Web Interface	✓	✓	✓	✓	✓	✓	✓	✗
Multi-User Support	✓	✓	✓	✓	✓	✓	✓	✗
Alerts and Schedules	✓	✓	✓	✓	✓	✓	✓	✗
Security Information	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	✗
GMP API	✓	✓	✓	✓	✓	✓	✓	✗
Control Sensors as Master [4]	Up to 80 sensor appliances	Up to 40 sensor appliances	Up to 20 sensor appliances	Up to 12 sensor appliances	Up to 6 sensor appliances	Up to 2 sensor appliances	✗	✗
Sensor Mode	✓	✓	✓	✓	✓	✓	✓	✓
Airgap USB	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	✗	✗
Airgap FTP	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	• As master appliance • As sensor appliance	As sensor appliance	✗
IPv4/IPv6 Networking	✓	✓	✓	✓	✓	✓	✓	✓
Network Namespaces	✓	✓	✓	✓	✓	✓	✗	✗
Network Routes per Interface	20	20	20	20	16	16	8	8
VLAN Interfaces	• Up to 128 per Ethernet port • Up to 4096 per appliance	• Up to 64 per Ethernet port • Up to 2048 per appliance	• Up to 64 per Ethernet port • Up to 512 per appliance	• Up to 64 per Ethernet port • Up to 512 per appliance	• Up to 16 per Ethernet port • Up to 128 per appliance	• Up to 16 per Ethernet port • Up to 128 per appliance	• Up to 8 per Ethernet port • Up to 32 per appliance	• Up to 8 per Ethernet port • Up to 32 per appliance
SNMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓
NTP Timesync	✓	✓	✓	✓	✓	✓	✓	✓
Remote Syslog	✓	✓	✓	✓	✓	✓	✓	✓
LDAP/RADIUS	✓	✓	✓	✓	✓	✓	✓	✗
System Integrity Check	✓	✓	✓	✓	✓	✓	✗	✗
RAID 6	✓	✓	✗	✗	✗	✗	✗	✗

Backup	• Incremental
	  ○ Lokal on appliance
	  ○ Remote server via SFTP
	• Full
	  ○ External storage via USB [5]
		• Incremental
		  ○ Lokal on appliance
		  ○ Remote server via SFTP
		• Full
		  ○ External storage via USB [5]
			• Incremental
			  ○ Lokal on appliance
			  ○ Remote server via SFTP
			• Full
			  ○ External storage via USB [5]
				• Incremental
				  ○ Lokal on appliance
				  ○ Remote server via SFTP
				• Full
				  ○ External storage via USB [5]
					• Incremental
					  ○ Lokal on appliance
					  ○ Remote server via SFTP
					• Full
					  ○ External storage via USB [5]
						• Incremental
						  ○ Lokal on appliance
						  ○ Remote server via SFTP
						• Full
						  ○ External storage via USB [5]
							• Full
							  ○ External storage via USB [5]
								✗

Beaming [6]	✓	✓	✓	✓	✓	✓	✓	✓

Greenbone Enterprise Appliances
Model Overview Virtual Solutions

[1] There is no fixed limit to the number of IP addresses that can be scanned within 24 hours. The actual achievable number depends on the scan configuration, the scan targets, the network infrastructure, the available sensor appliances, the system resource usage and the frequency of scans. The values given for the estimated scan capacity can only be understood as guide values and cannot be guaranteed.

[2] A valid subscription is required.

[3] Performance depends on hypervisor capabilities.

[4] Sensor appliances must be purchased separately.

[5] An external storage device is not included.

[6] Beaming is only allowed to an appliance of the same or of a higher class. Beaming from a sensor-only appliance (Greenbone Enterprise 35 and Greenbone Enterprise 25V) is only supported to another sensor-only appliance.

Model	Greenbone Enterprise EXA	Greenbone Enterprise PETA	Greenbone Enterprise TERA	Greenbone Enterprise DECA	Greenbone Enterprise CENO	Greenbone BASIC Appliance	Greenbone Enterprise 25V
Overview							
Class	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Medium enterprises/ branch locations	Small and medium enterprises/small branch locations	Entry-level solution	Sensor for managed services/ branch-location scans
Estimated Scan Capacity [1]	Up to 8,000 IP addresses per 24 h	Up to 6,000 IP addresses per 24 h	Up to 3,000 IP addresses per 24 h	Up to 1,000 IP addresses per 24 h	Up to 500 IP addresses per 24 h	Up to 200 IP addresses per 24 h	Up to 250 IP addresses per 24 h
Enterprise Feed [2]	✅	✅	✅	✅	✅	✅	✅
Software Updates [2]	✅	✅	✅	✅	✅	✅	✅
Technical Support [2]	✅	✅	✅	✅	✅	⚠ Must be purchased separately	✅
Specifications							
Supported Hypervisors	• Microsoft Hyper-V (Version 5.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 6.0 or higher) • Huawei FusionCompute (Version 8.0)	• Microsoft Hyper-V (Version 5.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 6.0 or higher) • Huawei FusionCompute (Version 8.0)	• Microsoft Hyper-V (Version 5.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 6.0 oder höher) • Huawei FusionCompute (Version 8.0)	• Microsoft Hyper-V (Version 5.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 6.0 or higher) • Huawei FusionCompute (Version 8.0)	• Microsoft Hyper-V (Version 5.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 6.0 or higher)	• Microsoft Hyper-V (Version 5.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 6.0 or higher) • VMware Workstation Player (Version 16.0 or higher) • VMware Workstation Pro (Version 16.0 or higher) • Oracle VirtualBox (Version 6.1 or higher) • Huawei FusionCompute (Version 8.0, Intel only)	• Microsoft Hyper-V (Version 5.0 or higher) • VMware vSphere Hypervisor (ESXi) (Version 6.0 or higher) • Huawei FusionCompute (Version 8.0)
vCPUs [3]	12	8	6	4	2	2	2
Memory [3]	24 GB	16 GB	14 GB	14 GB	12 GB	12 GB	8 GB
Data Storage [3]	500 GB	500 GB	500 GB	500 GB	500 GB	500 GB	500 GB
Network Adapters [3]	8	8	8	4	4	1	4
Feature Set							
Web Interface	✅	✅	✅	✅	✅	✅	❌
Multi-User Support	✅	✅	✅	✅	✅	✅	❌
Alerts and Schedules	✅	✅	✅	✅	✅	✅	❌
Security Information	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	CVE, CPE, CERT-Bund, WID-SEC, DFN-CERT	❌
GMP API	✅	✅	✅	✅	✅	❌	❌
Control Sensors as Master [4]	Up to 24 sensor appliances	Up to 12 sensor appliances	Up to 6 sensor appliances	Up to 2 sensor appliances	❌	❌	❌
Sensor Mode	✅	✅	✅	✅	✅	❌	✅
Airgap FTP	As sensor appliance	As sensor appliance	As sensor appliance	As sensor appliance	As sensor appliance	❌	❌
IPv4/IPv6 Networking	✅	✅	✅	✅	✅	✅	✅
Network Routes per Interface	8	8	8	8	8	0	0
SNMP Monitoring	✅	✅	✅	✅	✅	❌	✅
NTP Timesync	✅	✅	✅	✅	✅	✅	✅
Remote Syslog	✅	✅	✅	✅	✅	❌	✅
LDAP/RADIUS	✅	✅	✅	✅	✅	✅	❌
Backup	• Incremental ○ Local on appliance ○ Remote server via SFTP	• Incremental ○ Local on appliance ○ Remote server via SFTP	• Incremental ○ Local on appliance ○ Remote server via SFTP	• Incremental ○ Local on appliance ○ Remote server via SFTP	• Incremental ○ Local on appliance ○ Remote server via SFTP	❌	❌
Beaming [5]	✅	✅	✅	✅	✅	✅	✅
Open VMTools	✅	✅	✅	✅	✅	✅	✅