

ExtraHop Sensors

High-performance network visibility

ExtraHop sensors perform discovery and stream processing on network traffic, providing security and IT teams with complete visibility, instant threat detection, and intelligent response capabilities at scale. Physical and virtual appliances are available for both SaaS and Self-Managed deployments for on-premises, hybrid, and multi-cloud environments at any scale.

Unmatched Scalability

A single ExtraHop sensor can analyze behavior for up to 100,000 endpoints up to a sustained 100 Gbps, equivalent to more than 1 PB of analysis each day.

Real-Time Processing

The ExtraHop real-time stream processor extracts over 5,000 L2-L7 metrics from network traffic, providing rich data for our cloud-scale ML security detections, enabling 83% faster threat detection and 87% faster threat resolution (MTTR).

Decryption Capabilities

ExtraHop is the only NDR solution with the ability to natively decrypt beyond standard TLS or SSL protocols, with zero latency, such as Microsoft protocol decryption, for deeper traffic analysis and comprehensive detection of lateral movement.

Flexible Deployment

ExtraHop sensors are available as physical or virtual appliances for both SaaS and Self-Managed deployments, including hybrid environments and in the cloud in AWS, Azure, and Google Cloud. RevealX™ 360 is available as a pure SaaS service in AWS.

Physical Appliance Sensors

Specifications	EDA 10300	EDA 9300	EDA 8320	EDA 6370	EDA 1370
Supported Modules	NDR, NPM, IDS	NDR, NPM, IDS	NDR, NPM, IDS	NDR, NPM, IDS, PF	NDR, NPM, IDS, PF
Traffic Analytics EDA-only Throughput	100 Gbps	50 Gbps	25 Gbps	10 Gbps	1 Gbps
EDA and IDS Throughput	50 Gbps	25 Gbps	25 Gbps	10 Gbps	1 Gbps
Total Devices	100,000	50,000	35,000	18,000	750
Network Management Ports	Mgmt/Capture: 2x1 G; 2x10 G Capture: 4x100 G	Mgmt/Capture: 2x1 G; 2x10 G Capture: 4x25 G	Mgmt/Capture: 4x1 G Capture: 2x25 G	Mgmt/Capture: 4x1 G Capture: 2x10 G	Mgmt: 1x1 G; Capture: 1x1 G
High-Speed Monitoring Connectivity	100 GbE QSFP28 SR4 transceiver	25 GbE SFP28 SR4 transceiver	25 GbE SFP28 SR4 transceiver	10 GbE SFP28 SR4 transceiver	N/A

Chart continues on next page

Physical Appliance Sensors (continued)

Chassis	EDA 10300	EDA 9300	EDA 8320	EDA 6370	EDA 1370
Storage	10 x 1.8 TB (RAID 10)	8 x 1.2 TB (RAID 10)	6 x 1.2 TB (RAID 10)	4 x 0.6 TB (RAID 10)	256 GB (boot & datastore)
Packet Capture (optional)	PCAP: 1 x 450 GB	PCAP: 1 x 450 GB	PCAP: 1 x 450 GB	PCAP: 1 x 280 GB	PCAP: 250 GB - 500 GB*
Power Supply	2 x 800 W	2 x 800 W	2 x 800 W	2 x 800 W	1 x 330 W
Rack Unit	2U	2U	1U	1U	N/A
Height	8.68 cm (3.42 in.)	8.68 cm (3.42 in.)	4.28 cm (1.69 in.)	4.28 cm (1.69 in.)	6.4 cm (2.5 in.)
Width	43.4 cm (17.09 in.)	43.4 cm (17.09 in.)	43.4 cm (17.09 in.)	43.4 cm (17.09 in.)	33.4 cm (13.14 in.)
Depth	73.63 cm (28.98 in.)	73.63 cm (28.98 in.)	78.7 cm (30.99 in.)	78.7 cm (30.99 in.)	20.0 cm (7.86 in.)
Weight	34.5 kg (76.05 lbs)	34.5 kg (76.05 lbs)	20.2 kg (44.53 lbs)	20.2 kg (44.53 lbs)	3.8 kg (8.5 lb)
Operating System	The operating system is a security-hardened embedded Linux with a networking microkernel developed specifically for high-speed packet processing via the ExtraHop real-time stream processor				
Remote Management	iDRAC9 iDRAC Direct iDRAC RESTful API with Redfish	iDRAC9 iDRAC Direct iDRAC RESTful API with Redfish	iDRAC9 iDRAC Direct iDRAC RESTful API with Redfish	iiDRAC9 iDRAC Direct iDRAC RESTful API with Redfish	N/A
TAA Compliance	Available	Available	Available	Available	
Environmental Specifications	<p>Heat dissipation: 3000 BTU/hr (800 W)</p> <p>Operating temperature: 10–35°C (50–95°F) with no direct sunlight on the equipment</p> <p>Storage temperature: (Non-operational) -40 to 65°C (-40 to 149°F)</p> <p>Operating relative humidity: 8% RH with -12°C minimum dew point to 80% RH with 21°C (69.8°F) maximum dew point</p> <p>Operating vibration: 0.21 Grms at 5 Hz to 500 Hz for 10 minutes (all operation orientations)</p> <p>Operating altitude: 3,050 m (10,000 ft)</p> <p>Operating shock: Six consecutively executed shock pulses in the positive and negative x, y, and z axes of 6 G for up to 11 ms</p>		<p>Heat dissipation: 3000 BTU/hr (800 W)</p> <p>Operating temperature: 10–30°C (50–86°F) with no direct sunlight on the equipment</p> <p>Storage temperature: (Non-operational) -40 to 65°C (-40 to 149°F)</p> <p>Operating relative humidity: 8% RH with -12°C minimum dew point to 80% RH with 21°C (69.8°F) maximum dew point</p> <p>Operating vibration: 0.21 Grms at 5 Hz to 500 Hz for 10 minutes (all operation orientations)</p> <p>Operating altitude: 3,050 m (10,000 ft)</p> <p>Operating shock: Six consecutively executed shock pulses in the positive and negative x, y, and z axes of 6 G for up to 11 ms</p>		N/A

*250 GB - 500 GB for Precision Packet Capture, 250 GB - 20 TB for Forensic Packet Capture.

Virtual & Cloud Sensors

Specifications	EDA 8320v	EDA 6320v	EDA 6100v	EDA 1370v	EDA 1100v
Module Support	NDR, NPM, IDS	NDR, NPM, IDS	NDR, NPM	NDR, NPM, IDS, PF	NDR, NPM
Traffic Analytics Throughput	20 Gbps	10 Gbps	10 Gbps	1 Gbps	1 Gbps
Network Requirements					
Monitoring Options	ExtraHop appliances can receive data via RPCAP, ERSPAN, VXLAN, and port mirroring.				
Management Virtual Interface	1 or more	1 or more	1 or more	1 or more	1 or more
Capture Virtual Interfaces	3	3	3	1	1
Firewall Requirements	TCP port 443 inbound to appliance for administration purposes. UDP port 53 outbound to internet for registration purposes, unless managed by an ExtraHop ECA.				
Resource Requirements	Streaming SIMD Extensions 4.2 (SSE4.2) and POPCNT instruction support.				
vCPUs	64 vCPU	32 vCPU	18 vCPU	4 vCPU	4 vCPU
Memory	192 GB	96 GB	64 GB	32 GB	8 GB
Packet Capture (optional)	1 GB - 500 GB	1 GB - 500 GB	1 GB - 500 GB	250 GB - 20 TB	1 GB - 250 GB
Virtual & Cloud Environments					
VMware ESXi	✓	✓	✓	✓	✓
Nutanix				✓	
Hyper-V					✓
KVM					✓
AWS		✓	✓		✓
Azure			✓		✓
GCP		✓			✓
Operating System	The operating system is a security-hardened embedded Linux with a networking microkernel developed specifically for high-speed packet processing via the ExtraHop real-time stream processor				

Performance refers to the amount of network traffic observed by ExtraHop sensors that a sensor can produce metadata for, or the amount of traffic observed by ExtraHop sensors that it can process metadata for. Actual performance may vary depending on traffic composition.

ABOUT EXTRAHOP

ExtraHop turns the network—the enterprise’s ultimate source of truth—into actionable insight to power security, performance, and resilience. Delivering superior data by design, we ensure superior defense by default.

The ExtraHop modern network detection and response (NDR) platform provides visibility that thinks, analyzing behavior to intercept evasive risks before they cause damage. We transform network noise into definitive context, enabling security teams to make faster decisions and operate at uncompromised scale.

Whether securing cloud modernization or de-risking AI adoption, ExtraHop gives global enterprises the ground truth they need to thrive.

To learn more, visit extrahop.com or follow us on [LinkedIn](https://www.linkedin.com/company/extrahop).

EXTRAHOP®

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