High-Performance Appliances

LogRhythm high-performance appliances deliver maximum flexibility, with options ranging from convenient all-in-one platforms to high-performance, dedicated appliances. LogRhythm's distributed, incrementally scalable architecture enables deployments to scale both horizontally and vertically.

LogRhythm XM Appliance

All-in-One (XM): Performs the work of a PM, DP, DX, and AI Engine, all on a single appliance. Many deployments begin with an XM appliance and are expanded over time to include additional components to increase fault tolerance, capacity, and performance.

LogRhythm Distributed Appliances

Platform Manager (PM): Performs centralized event management and administration for a LogRhythm deployment, including alarming, case management and APIs, workflow automation, and more. Each LogRhythm deployment has a single Platform Manager.

Data Processor (DP): Receives machine and forensic data from Data Collectors and SysMon agents and then performs distributed processing. Processors archive data and distribute both original and structured copies to platform components that perform indexing, machine-based security analytics, and alarming.

Data Indexer (DX): Performs distributed and highly scalable indexing of machine and forensic data. Multiple DXs can be clustered to improve performance and availability.

Warm Node Data Indexer (DXW): Extends time to live (TTL) to over 365 days and is a powerful and cost-effective alternative to adding Data Indexers when seeking additional storage. This appliance is an Elasticsearch node with a closed index.

Benefits

- Building block architecture and geographic flexibility
- Expandable storage options with any sized model
- Centralized management
- Flexible high availability and disaster recovery options

AI Engine (AIE): Delivers highly scalable, patented machine analytics for advanced correlation and behavioral analysis. AI Engine scales horizontally to perform distributed analysis of massive workloads.

Add-on Appliances

Data Collector (DC): Collects log, flow, and machine data. It encrypts, compresses, and transports data from remote locations to LogRhythm DPs, either in real time or on a schedule.

NetMon (NM): Offers full visibility into network traffic, identifying applications and providing real-time unstructured search access. NetMon can also forward Layer 7 SmartFlow™ to the SIEM and third-party solutions for further analysis.

Web Services (WS): Supports concurrent analysts and administrators accessing the user interfaces of the LogRhythm platform.

Disaster Recovery and High Availability Options

LogRhythm's flexible Disaster Recovery and High Availability solutions can be tailored to meet the specific requirements of your organization. LogRhythm appliances are built with onboard redundancy for maximum fault-tolerance, and our active/active architectures maximize the return on your investment.

Appliance Specifications

	Model Series	Max Processing Rate	Chassis Rack Units	CPU Physical / Physical + Virtual (HT)	Memory (Expandable)	Internal Storage (Usable/Raw)	Max Storage (Usable/Raw)	Ethernet	Power	Height (in / cm)	Width (in / cm)	Length (in / cm)	Weight (lb / kg)
XM ALL-IN-ONE (Includes PM, DP, DX, AIE)	XM4500	2,000 MPS	1U	10 Core / 20 Core	96 (384) GB	2.8 TB / 4.88 TB	123 TB / 149 TB	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	31.29 / 79.47	48.28 / 21.9
	XM6500	5,000 MPS	2U	20 Core / 40 Core	192 (768) GB	14 TB / 18.24 TB	135 TB / 162 TB	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	3.42 / 8.68	18.98 / 48.2	29.04 / 73.75	57.98 / 26.3
	XM8500	10,000 MPS	2U	24 Core / 48 Core	256 (768) GB	25.4 TB / 30.88 TB	147 TB / 174 TB	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	3.42 / 8.68	18.98 / 48.2	29.04 / 73.75	61.95 / 28.1
PM Platform Manager	PM5500	N/A	1U	10 Core/ 20 Core	128 (384) GB	2.8 TB / 6.24 TB	13 TB / 27 TB	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	31.29 / 79.47	48.28 / 21.9
	PM7500	N/A	2U	24 Core / 48 Core	128 (768) GB	10.3 TB / 22.28 TB	21 TB / 43 TB	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	3.42 / 8.68	18.98 / 48.2	29.04 / 73.75	61.95 / 28.1
DP Data Processor	DP5500	15,000 MPS	1U	12 Core / 24 Core	64 (384) GB	4.8 TB / 10.48 TB	125 TB / 154 TB	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	29.29 / 74.4	42.99 / 19.5
	DP7500	40,000 MPS	1U	24 Core / 48 Core	128 (768) GB	13.2 TB / 20.48 TB	134 TB / 164 TB	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	31.29 / 79.47	48.28 / 21.9
DX Data Indexer	DX5500	10,000 MPS	2U	14 Core / 28 Core	128 (384) GB	15.8 TB / 19.68 TB	N/A	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	3.42 / 8.68	18.98 / 48.2	29.04 / 73.75	57.98 / 26.3
	DX7500	20,000 MPS	2U	28 Core / 56 Core	256 (768) GB	40.3 TB / 46.80 TB	N/A	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	3.42 / 8.68	18.98 / 48.2	29.04 / 73.75	61.95 / 28.1
DXW Data Indexer Warm Node	DXW5120	N/A	2U	10 Core / 20 Core	128 (768) GB	110 TB / 130 TB	N/A	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	3.42 / 8.68	18.98 / 48.2	29.04 / 73.75	72.91 / 33.1
AIE AI Engine	AIE7500	75,000 MPS	1U	24 Core / 48 Core	128 (768) GB	2.1 TB / 4.48 TB	N/A	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	29.29 / 74.4	42.99 / 19.5
DC Data Collector	DC3500	N/A	1U	4 Core / 8 Core	16 (64) GB	720 GB / 1440 GB	N/A	Intel x550 DP (2 x 10Gb) 10GBASE-T Broadcom 5720 DP (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	21.45 / 54.48	29.98 / 13.6
NM NetMon	NM3500	1 Gbps	1U	12 Core/ 24 Core	128 (384) GB	3.6 TB / 5.28 TB	30 TB / 34 TB	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	29.29 / 74.4	42.99 / 19.5
	NM5500	5 Gbps	2U	28 Core / 56 Core	128 (768) GB	12.5 TB / 14.88 TB	40 TB / 44 TB	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	3.42 / 8.68	18.98 / 48.2	29.04 / 73.75	61.95 / 28.1
NS MistNet NDR Network Sensor	NS7500	5 Gbps	1U	32 Core / 64 Core	256 (768) GB	14 TB / 21 TB	N/A	Intel X710 DP (2 x 10Gb) SFP+ Intel i350 DP (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	29.29 / 74.4	48.28 / 21.9
	NS9500	10 Gbps	1U	64 Core / 128 Core*	512 (1024) GB	35 TB / 42 TB	N/A	Intel X710-T2L (2 x 10Gb) 10GBASE-T Intel X710 DP (2 x 10Gb) SFP+ Onboard LOM (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	29.85 / 75.8	42.33 / 19.2
WS Web Server	WS3500	N/A	1U	16 Core / 32 Core	48 (384) GB	720 GB / 1440 GB	N/A	Intel x550 DP (2 x 10Gb) 10GBASE-T Intel I350 DP (2 x 1Gb)	100-240 VAC	1.68 / 4.28	18.98 / 48.2	29.85 / 75.8	42.33 / 19.2

Direct Attached Storage

Model Number	Hard Drives	Usable Storage	Total Storage	Power	Chassis Rack Units	Height (in / cm)	Width (in / cm)	Length (in / cm)	Weight (lb / kg)
SAAR5120	12 x 12TB 7200 RPM Near-Line SAS 12Gbps 3.5 in. Hot Plug Hard Drives RAID 5	120 TB	144 TB	100-240 VAC	2U	3.39 / 8.7	18.8 / 48.2	29.1 / 54.1	53.35 / 24.2
SANM5026	24 x 1.2 TB 10k RPM Serial-Attached SCSI 12Gbps 2.5 in. Hot Plug Hard Drives RAID 5	26.4 TB	28.8 TB	100-240 VAC	2U	3.39 / 8.7	18.8 / 48.2	29.1 / 54.1	53.35 / 24.2
SAPM5020	24 x 900GB 15k RPM Serial-Attached SCSI 12Gbps 2.5 in. Hot Plug Hard Drives RAID 5	19.8 TB	21.6 TB	100-240 VAC	2U	3.39 / 8.7	18.8 / 48.2	29.1 / 54.1	53.35 / 24.2

*Due to semiconductor supply shortages, processors with more cores may be delivered.