

Dragos Platform Appliance Models

Dragos Platform appliances are designed to accommodate a wide variety of industrial environment scenarios. For optimal architecture and sizing, please consult with your account team or contact: sales@dragos.com.

CentralStore and SiteStore Hardware Models



MODEL	CS-550-E (CentralStore)	STS-550-E (SiteStore)
Capacity	Up to 90 Gbps aggregated monitored bandwidth	Up to 20 Gbps of traffic monitored by connected Dragos Sensors
Estimated Max Monitored Assets	N/A	500,000
Management Interfaces	1 (specified, not changeable)	1 (specified, not changeable)
Local Console	VGA Connector for video USB Ports for keyboard, mouse, etc Front: 1x USB 2.0 Port Back: 2x USB 3.0 Port	VGA Connector for video USB Ports for keyboard, mouse, etc Front: 1x USB 2.0 Port Back: 2x USB 3.0 Port
Remote Management	IPMI	IPMI
Form Factor	1U Rackmount	1U Rackmount
Field Replaceable Parts	Power Supply (2), Disk (6)	Power Supply (2), Disk (6)
Power Supply	Dual 1100W (100 - 240 VAC), Hot Plug Redundant	Dual 1100W (100 - 240 VAC), Hot Plug Redundant
Avg/Max Power Consumption	350 W / 1000 W	350 W / 1000 W
Avg/Max BTU/hr	1200 / 3500 BTU/hr	1200 / 3500 BTU/hr
Operating Temperature Range	10C ~ 35C	10C ~ 35C
Storage Temperature Range	-40C ~ 65C	-40C ~ 65C
HxDxW (in/mm)	1.68 x 17.08 x 27.26 in, 42.8 x 434 x 692.2 mm	1.68 x 17.08 x 27.26 in, 42.8 x 434 x 692.2 mm
Weight	30.2 lb / 13.7 kg	30.2 lb / 13.7 kg
Certifications	CE, FCC Class A, UL, RoHS	CE, FCC Class A, UL, RoHS
Warranty Period	5 years	5 years

CentralStore and SiteStore - Cloud Models

MODEL	CS-50-DC	STS-50-DC	STS-200-DC	STS-500-DC
Max Sustained Monitoring Bandwidth	N/A	2 Gbps	6 Gbps	8 Gbps
Max Connected SiteStores	Up to 50	N/A	N/A	N/A
Estimated Max Monitored Assets	N/A	5,000	100,000	500,000
Host Environment	Dragos Cloud (SaaS)	Dragos Cloud (SaaS)	Dragos Cloud (SaaS)	Dragos Cloud (SaaS)

CentralStore - Virtual Models

MODEL	CS-25-VM	CS-50-VM
Max Sustained Monitoring Bandwidth	50 Gbps	100 Gbps
Max Connected SiteStores	25	50
CPU (vCores)	24**	48**
Memory (RAM)	96 GB	192 GB
Disk	10 TB 20k Read IOPS 40k Write IOPS	10 TB 50k Read IOPS 100k Write IOPS
Host Environment	VMware ESXi 6.7 or newer; VMware vSphere 6.7 or newer; Proxmox Virtual Environment (VE) 8.2 or newer; KVM/QEMU on Linux kernel 2.6.20 or newer; Microsoft Hyper-V 10.0.20348.1 running on Windows Server 2022 Standard or newer; Nutanix (6.8.1 or Newer)	

SiteStore - Virtual Models

MODEL	STS-50-VM	STS-200-VM	STS-500-VM
Max Sustained Monitoring Bandwidth	2 Gbps	6 Gbps	10 Gbps
Estimated Max Monitored Assets	5,000	100,000	500,000
CPU (vCores)	16	24	48
Memory (RAM)	48 GB	96 GB	192 GB
Disk	500 GB	3 TB 50k Read IOPS 20k Write IOPS	8 TB 100k Read IOPS 40k Write IOPS
Host Environment	VMware ESXi 6.7 or newer; VMware vSphere 6.7 or newer; Proxmox Virtual Environment (VE) 8.2 or newer; KVM/QEMU on Linux kernel 2.6.20 or newer; Microsoft Hyper-V 10.0.20348.1 running on Windows Server 2022 Standard or newer; Nutanix (6.8.1 or Newer)		

Sensor - Virtual Models (continued)

MODEL	NS-25-VM	NS-100-VM	NS-250-VM	NS-500-VM	NS-1000-VM
Estimated Max Monitored Assets	250	1,000	5,000	7,500	10,000
Max Concurrent Flow Processing	1,250	5,000	7,500	10,000	15,000
Max Sustained Monitoring Bandwidth*	25 Mbps	100 Mbps	250 Mbps	500 Mbps	1 Gbps
Monitoring Interfaces	4 (Virtual)	4 (Virtual)	4 (Virtual)	4 (Virtual)	4 (Virtual)
CPU (vCores**)	4	5	6	8	12
Memory (RAM)	8 GB	10 GB	14 GB	18 GB	22 GB
Disk	200 GB 7.5k Read IOPS 3k Write IOPS	400 GB+ 10k Read IOPS 5k Write IOPS	400GB+ 20k Read IOPS 5k Write IOPS	1 TB 30k Read IOPS 10k Write IOPS	1 TB 50k Read IOPS 15k Write IOPS
Host Environment	VMware ESXi 6.7 or newer; VMware vSphere 6.7 or newer; Proxmox Virtual Environment (VE) 8.2 or newer; KVM/QEMU on Linux kernel 2.6.20 or newer; Microsoft Hyper-V 10.0.20348.1 running on Windows Server 2022 Standard or newer; Nutanix (6.8.1 or newer)				

* Measured with all Platform modules enabled, actual results may vary depending on network traffic characteristics.

** vCPU performance should equate to dedicated threads of a Xeon E5-2680 v4 or better.

Sensor - Hardware Models



MODEL	NS-25-DR	NS-100-SEL	NS-220-E	NS-520-E
Rugged / Industrial Rating	Yes	Yes	No	No
Estimated Max Monitored Assets	1,000	1,000	10,000	10,000
Max Concurrent Flow Processing	1250	5,000	5,000	20,000
Max Sustained Monitoring Bandwidth	25 Mbps	250 Mbps	250 Mbps	500 Mbps
Monitoring Interfaces	RJ45 (4) SFP (2)	RJ45 (1)	10G SFP+ (4) 1G RJ45 (8)	10G SFP+ (4) 1G RJ45 (8)
Management Interfaces	RJ45 (1)	RJ45 (1)	1 GbE (2), only 1 port enabled	1 GbE (2), only 1 port enabled
Expansion Monitoring Interfaces	RJ45 (8) / SFP (8)			
Local Console	Serial (DB9) HDMI / USB	DVI / USB	VGA / USB / RJ45	VGA / USB / RJ45
Remote Management	No	No	IPMI	IPMI
Form Factor	DIN Rail Wallmount	3U Rackmount	Tabletop / 1U Rackmount	Tabletop / 1U Rackmount
Fanless	Yes	Yes	No	No
Power Supply	27.42 W (full load) 1x 6-pin terminal block for 2 sets of 20~54VDC direct power input Optional External AC/DC Power Adapter with connector	Single power supply (default) or dual (optional) 48 VDC 120-240 VAC (High Voltage) 125-250 VDC (Euroblock)	150W (100~240 VAC Ext. Power Adapter to DC Input) Optional Second External Power Adapter to second DC Input	150W (100~240 VAC Ext. Power Adapter to DC Input) Optional Second External Power Adapter to second DC Input
Max Power Consumption	0.68A / 27.42W	1.03A / 240W	58.6 W	66.3 W
Max BTU/hr	94 BTU/hr	818 BTU/hr	200 BTU/hr	262 BTU/hr
Operating Temperature Range	-40C ~ 70C	-40C ~ 60C	0C ~ 40C	0C ~ 40C
Storage Temperature Range	-40C ~ 85C	-40C ~ 85C	-40C ~ 70C	-40C ~ 70C
HxDxW (in/mm)	6.30 x 6.54 x 2.11 in 166 x 160 x 53.5 mm	5.22 x 11.49 x 18.31 in 132.6 x 291.8 x 465.1 mm	1.7 x 9.5 x 13.3 in 43.7 x 241.1 x 339.6 mm	1.7 x 9.5 x 13.3 in 43.7 x 241.1 x 339.6 mm
Weight	3.52 lb / 1.6 kg	20 lb / 9.1 kg	9.9 lb / 4.5 kg	9.9 lb / 4.5 kg
Certifications	CE, FCC Class A, UL, RoHS, IEC 61850-3, IEC 1613	CE, FCC Class A, UL, RoHS, RCM	CB, CE, FCC, UL	CB, CE, FCC, UL
TAA Compliant	TAA option available	TAA option available	TAA option available	TAA option available
Warranty Period	3 years	3 years	3 years	3 years

Sensor - Hardware Models (continued)



MODEL	NS-1000-E	NS-1020-E	NS-2050-E
Rugged / Industrial Rating	No	No	No
Estimated Max Monitored Assets	10,000	10,000	100,000
Max Concurrent Flow Processing	30,000	30,000	300,000
Max Sustained Monitoring Bandwidth	1 Gbps	1 Gbps	10 Gbps
Monitoring Interfaces	1 GbE (4)	1 GbE RJ45 (8), 10 GbE SFP+ (4)	10GbE RJ45 (2) 10GbE SFP+ (2)
Management Interfaces	1 (specified, not changeable)	1 GbE (2), only 1 port enabled	1 GbE (2), only 1 port enabled
Local Console	VGA / USB	VGA / USB	VGA / USB
Remote Management	IPMI	IPMI	IPMI
Form Factor	1U Rackmount	1U Rackmount	2U Rackmount
Fanless	No	No	No
Power Supply	Dual 550W (100 ~ 240 VAC) Hot Plug Redundant	Dual 300W (100 ~ 240 VAC) Hot Plug Redundant	Dual 1400W AC/240 Hot-Plug Redundant (1+1)
Max Power Consumption	300 W	219 W	742 W
Max BTU/hr	1023 BTU/hr	747 BTU/hr	2531.8 BTU/hr
Operating Temperature Range	10C ~ 35C	0C ~ 40C	10C ~ 35C
Storage Temperature Range	-30C ~ 60C	-20C ~ 70C	-40C ~ 65C
HxDxW (in/mm)	1.68 x 28.13 x 17.08 in 42.8 x 714.62 x 434 mm	17.2 x 1.7 x 16.5 in 438 x 44 x 420 mm	3.41 x 30.39 x 18.97 in 86.8 x 482.0 x 772.13 mm
Weight	38.9 lb / 17.64 kg	18.14 lb / 8.23 kg	70.10 lbs / 31.8 kg
Certifications	CCE, FCC Class A, UL, RoHS	CE, FCC Class A, UL, RoHS	BIS (India), CE (EU), CCC (CN), KCC (Korea), NOM (MX), NRCS (South Africa), RCM (Australia), FCC Part 15 (US)
TAA Compliant	TAA option available	TAA option available	TAA option available
Warranty Period	3 years	3 years	3 years

CentralStore Appliances

HARDWARE,
or CLOUD

CS-550-E



90 Gbps

Cloud-hosted
CentralStore

VIRTUAL

CS-25-VM

CS-50-VM

SiteStore Appliances

HARDWARE

STS-550-E



20 Gbps

VIRTUAL

STS-50-VM

2 Gbps

STS-200-VM

6 Gbps

STS-500-VM

10 Gbps

CLOUD
HOSTED

STS-50-DC

1 Gbps

STS-200-DC

3 Gbps

STS-500-DC

8 Gbps

AGGREGATE MONITORED THROUGHPUT

Sensor Appliances

RUGGEDIZED
INDUSTRIAL

NS-25-DR



25 Mbps

NS-100-SEL



250 Mbps

ENTERPRISE
DATACENTER

NS-220-E



250 Mbps

NS-520-E



500 Mbps

NS-1000-E



1 Gbps

NS-1020-E



1 Gbps

NS-2050-E



10 Gbps

VIRTUAL

NS-25-VM

25 Mbps

NS-100-VM

100 Mbps

NS-250-VM

250 Mbps

NS-500-VM

500 Mbps

NS-1000-VM

1 Gbps

MONITORED THROUGHPUT

Commercial Off the Shelf (COTS)*

For customers who prefer leveraging their existing OEM hardware enterprise agreements, Dragos offers COTS appliance options. The offerings allow customers to utilize third-party hardware with their Dragos Platform software subscription. The following hardware is validated by Dragos, with more to be added.

SITESTORE	Dell R6615	HPE DL325	HPE DL145
Max Sustained Monitoring Bandwidth	20 Gbps	20 Gbps	2 Gbps
Form Factor	1U Rackmount	1U Rackmount	2U Rackmount
Monitoring Interfaces	None; not applicable to a SiteStore	None; not applicable to a SiteStore	None; not applicable to a SiteStore

SENSOR	SEL-3350	SEL-3355	Dell R660xs
Max Sustained Monitoring Bandwidth	25 Mbps	100 Mbps	1 Gbps
Form Factor	1U Rackmount	3U Rackmount	1U Rackmount
Monitoring Interfaces	1 GbE RJ45 (4) 1 GbE RJ45 (2) and SFP (2) SEL 1000Base-LX (single mode) and SEL 1000Base-SX (multi-mode) transceivers supported	1 GbE RJ-45 (1 built-in) 1 GbE RJ-45 (up to 8 expansion) 100BASE-FX SFP (up to 8 expansion)	1 GbE RJ45 (4)

*Disclaimer: Specific Hardware Configurations are required for Dragos Platform Support. Please consult with your account team or contact: sales@dragos.com.

About Dragos, Inc.

Dragos, Inc. has a global mission to safeguard civilization from those trying to disrupt the industrial infrastructure we depend on every day. Dragos is privately held and headquartered in the Washington, DC area with regional presence around the world, including Canada, Australia, New Zealand, Europe, and the Middle East. Learn more about our technology, services, and threat intelligence offerings: [request a demo](#) or [contact us](#).