<)> **FORESCOUT**®

Product Specifications for CounterACT v7

ForeScout CounterACT® Appliance

ForeScout CounterACT® is available in a range of physical and virtual appliance options to meet the specific needs of your business. Each CounterACT appliance includes a perpetual license for a specified number of network devices. Large networks that require multiple appliances can be centrally managed by CounterACT Enterprise Manager. For licensing policy details, visit www.forescout.com/licensing.

	CT-R	CT-100	CT-1000	CT-2000	CT-4000	CT-10000
Devices[1, 2]	Up to 100	Up to 500	Up to 1000	Up to 2500	Up to 4000	Up to 10000
Bandwidth	100 Mbps	500 Mbps	1 Gbps	2 Gbps	Multi-Gbps	Multi-Gbps
Recommended Maximum Number of Managed Switches[2]	2	10	20	50	80	200
Network Ports Options[3]	4 Copper	6 Copper	8 Copper	8 Copper	8 Copper	8 Copper
		4 Copper + 2 Fiber	4 Copper + 4 Fiber	4 Copper + 4 Fiber	4 Copper + 4 Fiber	4 Copper + 4 Fiber
					6 Copper + 2 Fiber 10G	6 Copper + 2 Fiber 10G
I/O Support	1 serial port (RJ45)	1 serial port (DB9)	1 serial port (DB9)	1 serial port (DB9)	1 serial port (DB9)	1 serial port (DB9)
USB Ports	2, USB 2.0-compliant	2 back panel USB 2.0 + 1 front panel USB 2.0	2 back panel USB 2.0 + 1 front panel USB 2.0	2 back panel USB 2.0 + 1 front panel USB 2.0	2 back panel USB 2.0 + 1 front panel USB 2.0	2 back panel USB 2.0 + 1 front panel USB 2.0
VGA	1 (DB15)	1 (DB15)	1 (DB15)	1 (DB15)	1 (DB15)	1 (DB15)
CD-ROM	N/A	1	1	1	1	1
Hard Drives	1 HDD	3 HDD (RAID-1+HS)	3 HDD (RAID-1+HS)	3 HDD (RAID-1+HS)	3 HDD (RAID-1+HS)	3 HDD (RAID-1+HS)
Power Supply	1 @ up to 60W 100-240VAC (External)	1 @ up to 750W 100-240VAC	2 @ up to 750W 100-240VAC	2 @ up to 750W 100-240VAC	2 @ up to 750W 100-240VAC	2 @ up to 750W 100-240VAC
Power Consumption (max)	45.3W	744W	744W	744W	744W	744W
Operating Temperature	5 °C to 40°C	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C max dew point.	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C max dew point.	10°C to 35°C (50°F to 95°F) at 10% to 80% relative humidity	10°C to 35°C (50°F to 95°F) at 10% to 80% relative humidity	10°C to 35°C (50°F to 95°F) at 10% to 80% relative humidity
Storage Temperature	0°C to 70 °C	–40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour	–40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour	–40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour	–40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour	–40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour

	CT-R	CT-100	CT-1000	CT-2000	CT-4000	CT-10000
Cooling Requirement	n/a	2891 BTU/Hr	2891 BTU/Hr	2891 BTU/Hr	2891 BTU/Hr	2891 BTU/Hr
Humidity	20% – 90%	20% to 80% (noncondensing) at a maximum wet bulb temperature of 29°C (84.2°F)	20% to 80% (noncondensing) at a maximum wet bulb temperature of 29°C (84.2°F)	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C max dew point	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C max dew point	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C max dew point
Chassis	1U desktop(steel slim line case)	1U 19" rack mount	1U 19" rack mount	2U 19" rack mount	2U 19" rack mount	2U 19" rack mount
Dimensions	Height: 41.9mm (1.65 inches) Width: 180.3mm (7.1 inches) Depth: 149.8mm (5.9 inches)	Height: 42.92mm (1.69 inches) Width: 482.34mm (18.99 inches) Depth: 701.29mm (27.61 inches)	Height: 42.92mm (1.69 inches) Width: 482.34mm (18.99 inches) Depth: 701.29mm (27.61 inches)	Height: 87.30mm (3.44 inches) Width: 482.4mm (18.99 inches) Depth: 722.88mm (28.46 inches)	Height: 87.30mm (3.44 inches) Width: 482.4mm (18.99 inches) Depth: 722.88mm (28.46 inches)	Height: 87.30mm (3.44 inches) Width: 482.4mm (18.99 inches) Depth: 722.88mm (28.46 inches)
Shipment	Size: 11.5 x 9.25 x 4 inches Weight: 4 pounds	Size: 36.0 x 24.0 x 11.0 inches Weight: 56 pounds	Size: 36.0 x 24.0 x 11.0 inches Weight: 57 pounds	Size: 36.0 x 24.0 x 11.0 inches Weight: 65 pounds	Size: 36.0 x 24.0 x 11.0 inches Weight: 66 pounds	Size: 36.0 x 24.0 x 11.0 inches Weight: 67 pounds

ForeScout CounterACT Virtual Appliance

Supported operating systems

- VMware ESXi v6.0
- VMware ESXi v5.5
- VMware ESXi v5.1
- VMware ESX and ESXi v4.1 updates 1 through 3
- VMware ESX and ESXi v4.0 updates 1 through 4
- VMware ESX and ESXi v3.5 update 5
- Microsoft Hyper-V Server 2012
- Microsoft Hyper-V Server 2012 R2

Minimum hardware requirements

- The recommended maximum disk latency is 5ms.
- The recommended minimum disk bandwidth is 200MB/s for read and 50MB/s for write.
- No CPU overcommitment on virtual hosts which might lead to performance or CPU ready issues
- The CPUs and memory must be dedicated/reserved to the CounterACT virtual appliance.

Minimum hardware requirements

Model	Devices[1,2]	Switch Count[2]	CPUs	GHz/CPU	RAM	Disk
VCT-R	100	2	2	1.5	4GB	80GB
VCT-100	500	10	4	2	4GB	80GB
VCT-1000	1000	20	4	2	8GB	80GB
VCT-2000	2500	50	6	2	8GB	80GB
VCT-4000	4000	80	8	2	10GB	80GB
VCT-10000	10000	200	8	2	16GB	80GB

[1]Device count, as determined by CounterACT, is the number of devices known to CounterACT by either their MAC address and/or their IP address. Devices may be detected by CounterACT when on-site or off-site, or they may be made known to CounterACT via third-party integrations. A device may be counted more than once if it uses multiple IP addresses and/or multiple MAC addresses. Devices include user endpoints (such as laptops, tablets and smartphones), network infrastructure devices (such as switches, routers and access points), non-user devices (such as printers, IP phones, security equipment, medical devices, manufacturing equipment) and virtual machines. Device information is retained in CounterACT from initial discovery until such time the information is purged, based on aging preferences set in CounterACT.

[2]Each CounterACT appliance, physical or virtual, is licensed for a specified device count. However, the maximum number of devices manageable will vary based on several factors, including but not limited to, network environment, product configuration and use cases. When managing more than the recommended maximum number of L2/L3 switches, there is a tradeoff between managed switch count and total managed device count. For a more detailed explanation, including capacity planning guidelines, refer to the CounterACT Switch Plugin Configuration Guide.

[3]Copper ports are 10/100/1000 RJ-45; Fiber ports are 1Gb/s, 1000Base-SX SFP; Fiber 10G ports are 10Gb/s, 10Gbase-SR SFP+

ForeScout CounterACT Enterprise Manager

CounterACT Enterprise Manager can be deployed as a physical or virtual appliance to provide centralized management and control of CounterACT implementations. It oversees CounterACT activities and policies, and collects information from each appliance, as well as identification, notification, restriction and remediation actions taken by CounterACT.

Model	CEM-05	CEM-10	CEM-25	CEM-50
CounterACT Appliances[1]	5	10	25	50
Network Ports – Copper (RJ-45)	4 10/100/1000	4 10/100/1000	8 10/100/1000	8 10/100/1000
I/O Support	1 serial port (DB9)	1 serial port (DB9)	1 serial port (DB9)	1 serial port (DB9)
USB Ports	2 back panel USB 2.0 + 1 front panel USB 2.0	2 back panel USB 2.0 + 1 front panel USB 2.0	2 back panel USB 2.0 + 1 front panel USB 2.0	2 back panel USB 2.0 + 1 front panel USB 2.0
VGA	1 (DB15)	1 (DB15)	1 (DB15)	1 (DB15)
CD-ROM	1	1	1	1
Hard Drives	3 HDD (RAID-1+HS)	3 HDD (RAID-1+HS)	3 HDD (RAID-1+HS)	3 HDD (RAID-1+HS)
Power Supply	2 @ up to 750W 100-240VAC	2 @ up to 750W 100-240VAC	2 @ up to 750W 100-240VAC	2 @ up to 750W 100-240VAC
Power Consumption (max)	744W	744W	744W	744W
Operating Temperature	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C Max dew point.	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C Max dew point.	10°C to 35°C (50%F to 95%F) at 10% to 80% relative humidity	10°C to 35°C (50%F to 95%F) at 10% to 80% relative humidity
Storage Temperature	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Cooling Requirement	2891 BTU/Hr	2891 BTU/Hr	2891 BTU/Hr	2891 BTU/Hr
Humidity	20% to 80% (noncondensing) at a maximum wet bulb temperature of 29°C (84.2°F)	20% to 80% (noncondensing) at a maximum wet bulb temperature of 29°C (84.2°F)	10°C to 35°C (50°F to 95°F) at 10% to 80% relative humidity	10°C to 35°C (50°F to 95°F) at 10% to 80% relative humidity
Chassis	1U 19" rack mount	1U 19" rack mount	2U 19" rack mount	2U 19" rack mount
Dimensions	Height: 42.92mm (1.69 inches) Width: 482.34mm (18.99 inches) Depth: 701.29mm (27.61 inches)	Height: 42.92mm (1.69 inches) Width: 482.34mm (18.99 inches) Depth: 701.29mm (27.61 inches)	Height: 87.30mm (3.44 inches) Width: 482.4mm (18.99 inches) Depth: 722.88mm (28.46 inches)	Height: 87.30mm (3.44 inches) Width: 482.4mm (18.99 inches) Depth: 722.88mm (28.46 inches)
Shipment	Size: 36.0 x 24.0 x 11.0 inches Weight: 57 pounds	Size: 36.0 x 24.0 x 11.0 inches Weight: 57 pounds	Size: 36.0 x 24.0 x 11.0 inches Weight: 65 pounds	Size: 36.0 x 24.0 x 11.0 inches Weight: 65 pounds

Model	CEM-100	CEM-150	CEM-200
CounterACT Appliances[1]	100	150	200
Network Ports – Copper (RJ-45)	8 10/100/1000	8 10/100/1000	8 10/100/1000
I/O Support	1 serial port (DB9)	1 serial port (DB9)	1 serial port (DB9)
USB Ports	2 back panel USB 2.0 + 1 front panel USB 2.0	2 back panel USB 2.0 + 1 front panel USB 2.0	2 back panel USB 2.0 + 1 front panel USB 2.0
VGA	1 (DB15)	1 (DB15)	1 (DB15)
CD-ROM	1	1	1
Hard Drives	3 HDD (RAID-1+HS)	3 HDD (RAID-1+HS)	3 HDD (RAID-1+HS)
Power Supply	2 @ up to 750W 100-240VAC	2 @ up to 750W 100-240VAC	2 @ up to 750W 100-240VAC
Power Consumption (max)	744W	744W	744W
Operating Temperature	10°C to 35°C (50°F to 95°F) at 10% to 80% relative humidity	10°C to 35°C (50°F to 95°F) at 10% to 80% relative humidity	10°C to 35°C (50°F to 95°F) at 10% to 80% relative humidity
Storage Temperature	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour	-40°C to 65°C (-40°F to 149°F) with a maximum temperature gradation of 20°C per hour
Cooling Requirement	2891 BTU/Hr	2891 BTU/Hr	2891 BTU/Hr
Humidity	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C Max dew point	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C Max dew point	10°C to 35°C at 10% to 80% relative humidity (RH), with 26°C Max dew point
Chassis	2U 19" rack mount	2U 19" rack mount	2U 19" rack mount
Dimensions	Height: 87.30mm (3.44 inches) Width: 482.4mm (18.99 inches) Depth: 722.88mm (28.46 inches)	Height: 87.30mm (3.44 inches) Width: 482.4mm (18.99 inches) Depth: 722.88mm (28.46 inches)	Height: 87.30mm (3.44 inches) Width: 482.4mm (18.99 inches) Depth: 722.88mm (28.46 inches)
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Minimum hardware requirements

Model	CounterACT Appliances[1]	CPUs	GHz/CPU	RAM	Disk
VCEM-05	5	4	2	8GB	80GB
VCEM-10	10	4	2	8GB	80GB
VCEM-25	25	6	2	8GB	80GB
VCEM-50	50	6	2	8GB	80GB
VCEM-100	100	8	2	10GB	80GB
VCEM-150	150	8	2	16GB	80GB
VCEM-200	200	8	2	16GB	80GB

[1]Each CounterACT Enterprise Manager appliance, physical or virtual, is licensed for a specified CounterACT appliance count. However, the maximum number of CounterACT appliances that can be managed will vary based on several factors, including but not limited to, network environment, product configuration and use cases.