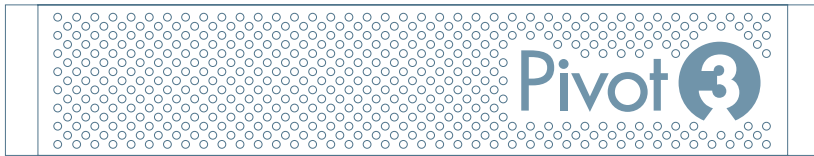




# Pivot3 Datacenter Series

## TECHNICAL SPECIFICATIONS



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## 2U Flash HCI Appliances (L2)



Item	X5-6500 Flash HCI Appliance (L2)	X5-6000 Flash HCI Appliance (L2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Lenovo ThinkSystem SR650	Lenovo ThinkSystem SR650
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	2U	2U
<b>Processors</b>	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)
<b>RAM</b>	256, 384, 768, 1536GB	256, 384, 768, 1536GB
<b>Appliance Capacity</b>	15.3, 30.7, 61.4TB	15.3, 30.7, 61.4TB
<b>NVMe Flash (AIC)</b>	1 x 2.0TB or 1 x 3.2TB	N/A
<b>2.5" SATA SSD</b>	960GB, 1.92TB, 3.84TB	960GB, 1.92TB, 3.84TB
<b>Drive Count</b>	16 x 2.5" SSD	16 x 2.5" SSD
<b>Optional GPU</b>	3 x NVIDIA Tesla T4	5 x NVIDIA Tesla T4
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	16 nodes (2 x X5-6500 + 14 x X5-6000)	16 nodes (2 x X5-6500 + 14 x X5-6000)
<b>Min Nodes per vPG</b>	3 nodes (2 x X5-6500 + 1 x X5-6000/X5-6000s)	3 nodes (2 x X5-6500 + 1 x X5-6000/X5-6000s)
<b>Max vPG Capacity</b>	983TB	983TB
<b>Network Connectivity</b>	8 x 10 GbE (SFP+ or RJ45)	6 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2x 1100W AC Platinum or 2x 1600W AC Platinum	2 x 1100W AC Platinum or 2 x 1600W AC Platinum
<b>Physical Specifications</b>	Height: 3.4 in. (8.7 cm) Width: 17.5 in. (44.5 cm) Depth: 28.3 in. (72 cm) Weight: Max config: 70.5 lbs. (32 kg)	Height: 3.4 in. (8.7 cm) Width: 17.5 in. (44.5 cm) Depth: 28.3 in. (72 cm) Weight: Max config: 70.5 lbs. (32 kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)
<b>Operating Relative Humidity</b>	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)
<b>Thermal rating</b>	1100Width: Max config: 4804 BTU/hr. (@1408 watts) 1600Width: Max config: 7056 BTU/hr. (@2024 watts)	1100Width: Max config: 4804 BTU/hr. (@1408 watts) 1600Width: Max config: 7056 BTU/hr. (@2024 watts)
<b>Certifications</b>	ENERGY STAR 2.1 for Servers, UL/IEC 60950-1, FCC part 15 class A,	ENERGY STAR 2.1 for Servers, UL/IEC 60950-1, FCC part 15 class A,

## 2U Flash HCI Appliances (D2)



Item	X5-6500 Flash HCI Appliance (D2)	X5-6000 Flash HCI Appliance (D2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Dell PowerEdge R740	Dell PowerEdge R740
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	2U	2U
<b>Processors</b>	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)
<b>RAM</b>	256, 384, 768, 1536GB	256, 384, 768, 1536GB
<b>Appliance Capacity</b>	15.3, 30.7, 61.4TB	15.3, 30.7, 61.4TB
<b>NVMe Flash (AIC)</b>	1 x 3.2TB	N/A
<b>2.5" SATA SSD</b>	960GB, 1.92TB, 3.84TB	960GB, 1.92TB, 3.84TB
<b>Drive Count</b>	16 x 2.5" SSD	16 x 2.5" SSD
<b>Optional GPU</b>	3 x NVIDIA Tesla T4	5 x NVIDIA Tesla T4
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	16 nodes (2 x X5-6500 + 14 x X5-6000)	16 nodes (2 x X5-6500 + 14 x X5-6000)
<b>Min Nodes per vPG</b>	3 nodes (2 x X5-6500 + 1 x X5-6000/X5-6000s)	3 nodes (2 x X5-6500 + 1 x X5-6000/X5-6000s)
<b>Max vPG Capacity</b>	983TB	983TB
<b>Network Connectivity</b>	8 x 10 GbE (SFP+ or RJ45)	6 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 1100W AC Platinum or 2 x 1600W AC Platinum	2 x 1100W AC Platinum or 2 x 1600W AC Platinum
<b>Physical Specifications</b>	Height: 3.4 in. (8.6 cm) Width: 17.1 in. (43.4 cm) Depth: 28.2 in. (71.5 cm) Weight: Max config: 57.98 lbs. (26.3kg)	Height: 3.4 in. (8.6 cm) Width: 17.1 in. (43.4 cm) Depth: 28.2 in. (71.5 cm) Weight: Max config: 57.98 lbs. (26.3kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 950 m or 3117 ft)	50°F to 95°F (10°C to 35°C) (Altitude < 950 m or 3117 ft)
<b>Operating Relative Humidity</b>	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point
<b>Thermal rating</b>	1100W PSU: 4100 BTU/hr. 1600W PSU: 6000 BTU/hr.	1100W PSU: 4100 BTU/hr. 1600W PSU: 6000 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.0 for Servers	ENERGY STAR 2.0 for Servers

## 2U Hybrid HCI Appliances (L2)



Item	X5-2500 Hybrid HCI Appliance (L2)	X5-2000 Hybrid HCI Appliance (L2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Lenovo ThinkSystem SR650	Lenovo ThinkSystem SR650
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	2U	2U
<b>Processor</b>	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)
<b>RAM</b>	256, 384, 768, 1536GB	256, 384, 768, 1536GB
<b>Appliance Capacity</b>	12, 24, 48, 96, 120, 144TB	12, 24, 48, 96, 120, 144TB
<b>NVMe Flash (AIC)</b>	1x 2.0TB (12, 24TB Nodes) 1x 4.0TB (48, 96, 120, 144TB Nodes) 1x 3.2TB (12, 24TB Nodes) 1x 6.4TB (48, 96, 120, 144TB Nodes)	N/A
<b>3.5" SATA HDD</b>	1, 2, 4, 8, 10, 12TB	1, 2, 4, 8, 10, 12TB
<b>Cache (2.5" SATA SSD)</b>	2 x 480GB (in rear)	2 x 480GB (in rear)
<b>Drive Count</b>	12 x 3.5" HDD + 2 x 2.5" SSD	12 x 3.5" HDD + 2 x 2.5" SSD
<b>Optional GPU</b>	N/A	2x NVIDIA Tesla T4
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	12 nodes (2 x X5-2500 + 10 x X5-2000)	12 nodes (2 x X5-2500 + 10 x X5-2000)
<b>Min Nodes per vPG</b>	3 nodes (2 x X5-2500 + 1 x X5-2000/X5-2000s)	3 nodes (2 x X5-2500 + 1 x X5-2000/X5-2000s)
<b>Max vPG Capacity</b>	576TB	576TB
<b>Network Connectivity</b>	8 x 10 GbE (SFP+ or RJ45)	6 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 1100W AC Platinum	2x 1100W AC Platinum or 2x 1600W AC Platinum
<b>Physical Specifications</b>	Height: 3.4 in. (8.7 cm) Width: 17.5 in. (44.5 cm) Depth: 28.3 in. (72 cm) Weight: Max config: 70.5 lbs. (32 kg)	Height: 3.4 in. (8.7 cm) Width: 17.5 in. (44.5 cm) Depth: 28.3 in. (72 cm) Weight: Max config: 70.5 lbs. (32 kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)
<b>Operating Relative Humidity</b>	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)
<b>Thermal Rating</b>	1100Width: Max config: 4804 BTU/hr. (@1408 watts)	1100Width: Max config: 4804 BTU/hr. (@1408 watts)
<b>Certifications</b>	ENERGY STAR 2.1 for Servers, UL/IEC 60950-1, FCC part 15 class A,	ENERGY STAR 2.1 for Servers, UL/IEC 60950-1, FCC part 15 class A,

## 2U Hybrid HCI Appliances (D2)



Item	X5-2500 Hybrid HCI Appliance (D2)	X5-2000 Hybrid HCI Appliance (D2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Dell PowerEdge R740xd	Dell PowerEdge R740xd
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	2U	2U
<b>Processor</b>	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)
<b>RAM</b>	256, 384, 768, 1536GB	256, 384, 768, 1536GB
<b>Appliance Capacity</b>	12, 24, 48, 96, 120, 144TB	12, 24, 48, 96, 120, 144TB
<b>NVMe Flash (AIC)</b>	1x 3.2TB (12, 24TB Nodes) 1x 6.4TB (48, 96, 120, 144TB Nodes)	N/A
<b>3.5" SATA HDD</b>	1, 2, 4, 8, 10, 12TB	1, 2, 4, 8, 10, 12TB
<b>Cache (2.5" SATA SSD)</b>	2 x 480GB (in rear)	2 x 480GB (in rear)
<b>Drive Count</b>	12 x 3.5" HDD + 2 x 2.5" SSD	12 x 3.5" HDD + 2 x 2.5" SSD
<b>Optional GPU</b>	N/A	N/A
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	12 nodes (2 x X5-2500 + 10 x X5-2000)	12 nodes (2 x X5-2500 + 10 x X5-2000)
<b>Min Nodes per vPG</b>	3 nodes (2 x X5-2500 + 1 x X5-2000/X5-2000s)	3 nodes (2 x X5-2500 + 1 x X5-2000/X5-2000s)
<b>Max vPG Capacity</b>	576TB	576TB
<b>Network Connectivity</b>	8 x 10 GbE (SFP+ or RJ45)	6 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 1100W AC Platinum	2 x 1100W AC Platinum
<b>Physical Specifications</b>	Height: 3.4 in. (8.7 cm) Width: 17.5 in. (44.5 cm) Depth: 28.2 in. (71.5 cm) Weight: Max config: 72.9 lbs. (33.1 kg)	Height: 3.4 in. (8.7 cm) Width: 17.5 in. (44.5 cm) Depth: 28.2 in. (71.5 cm) Weight: Max config: 72.9 lbs. (33.1 kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 950 m or 3117 ft)	50°F to 95°F (10°C to 35°C) (Altitude < 950 m or 3117 ft)
<b>Operating Relative Humidity</b>	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point
<b>Thermal Rating</b>	4100 BTU/hr.	4100 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.0 for Servers	ENERGY STAR 2.0 for Servers

# 1U Flash HCI Appliances (L2)



Item	X3-6500 Flash HCI Appliance (L2)	X3-6000 Flash HCI Appliance (L2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Lenovo ThinkSystem SR630	Lenovo ThinkSystem SR630
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	1U	1U
<b>Processor</b>	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)
<b>RAM</b>	192 , 384, 768GB	192 , 384, 768GB
<b>Appliance Capacity</b>	7.6, 15.2, 30.7 TB SSD	7.6, 15.2, 30.7 TB SSD
<b>NVMe Flash (U.2)</b>	1 x 1.6TB	N/A
<b>2.5" SATA SSD</b>	960GB, 1.9TB or 3.8TB	960GB, 1.9TB or 3.8TB
<b>Drive Count</b>	8 x 2.5" SSD	8 x 2.5" SSD
<b>Optional GPU</b>	N/A	1x NVIDIA Tesla T4
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	8 nodes (2 x X3-6500 + 6x X3-6000)	8 nodes (2 x X3-6500 + 6x X3-6000)
<b>Min Nodes per vPG</b>	3 nodes (2 x X3-6500 + 1 x X3-6000/X3-6000s)	3 nodes (2 x X3-6500 + 1 x X3-6000/X3-6000s)
<b>Max vPG Capacity</b>	245.6TB	245.6TB
<b>Network Connectivity</b>	8 x 10 GbE (SFP+ or RJ45)	6 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 750W AC Platinum	2 x 750W AC Platinum
<b>Physical Specifications</b>	Height: 4.3 cm (1.7in) Width: 43.4 cm (17.1 in) Depth: 71.5 cm (28.1 in) Weight: Max config 41.4 lbs. (18.8kg)	Height: 4.3 cm (1.7in) Width: 43.4 cm (17.1 in) Depth: 71.5 cm (28.1 in) Weight: Max config 41.4 lbs. (18.8kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)
<b>Operating Relative Humidity</b>	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)
<b>Thermal Rating</b>	2891 BTU/hr.	2891 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.1 for Servers	ENERGY STAR 2.1 for Servers

# 1U Flash HCI Appliances (D2)



Item	X3-6500 Flash HCI Appliance (D2)	X3-6000 Flash HCI Appliance (D2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Dell PowerEdge R640	Dell PowerEdge R640
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	1U	1U
<b>Processor</b>	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)	2x 12 Core Intel Xeon 5118 (2.30 GHz) or 2x 20 Core Intel Xeon 6138 (2.00 GHz) or 2x 12 Core Intel Xeon 4214 (2.20 GHz) or 2x 20 Core Intel Xeon 6230 (2.10 GHz)
<b>RAM</b>	192 , 384, 768GB	192 , 384, 768GB
<b>Appliance Capacity</b>	7.6, 15.2, 30.7 TB SSD	7.6, 15.2, 30.7 TB SSD
<b>NVMe Flash (U.2)</b>	1 x 1.6TB	N/A
<b>2.5" SATA SSD</b>	960GB, 1.9TB or 3.8TB	960GB, 1.9TB or 3.8TB
<b>Drive Count</b>	8 x 2.5" SSD	8 x 2.5" SSD
<b>Optional GPU</b>	N/A	1x NVIDIA Tesla T4
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	8 nodes (2 x X3-6500 + 6x X3-6000)	8 nodes (2 x X3-6500 + 6x X3-6000)
<b>Min Nodes per vPG</b>	3 nodes (2 x X3-6500 + 1 x X3-6000/X3-6000s)	3 nodes (2 x X3-6500 + 1 x X3-6000/X3-6000s)
<b>Max vPG Capacity</b>	245.6TB	245.6TB
<b>Network Connectivity</b>	8 x 10 GbE (SFP+ or RJ45)	6 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 750W AC Platinum	2 x 750W AC Platinum
<b>Physical Specifications</b>	Height: 4.28 cm (1.68in) Width: 43.4 cm (17.08 in) Depth: 72.19 cm (28.42 in) Weight: Max config 48.28 lbs. (21.9kg)	Height: 4.28 cm (1.68in) Width: 43.4 cm (17.08 in) Depth: 72.19 cm (28.42 in) Weight: Max config 48.28 lbs. (21.9kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 950 m or 3117 ft)	50°F to 95°F (10°C to 35°C) (Altitude < 950 m or 3117 ft)
<b>Operating Relative Humidity</b>	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point.	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point.
<b>Thermal Rating</b>	2891 BTU/hr.	2891 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.0 for Servers	ENERGY STAR 2.0 for Servers



# 1U Hybrid HCI Appliances (L2)



Item	X3-2500 Hybrid HCI Appliance (L2)	X3-2000 Hybrid HCI Appliance (L2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Lenovo SR630	Lenovo SR630
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	1U	1U
<b>Processor</b>	2x 10 Core Intel Xeon 4114 (2.20 GHz) or 2x 10 Core Intel Xeon 4210 (2.20 GHz)	2x 10 Core Intel Xeon 4114 (2.20 GHz) or 2x 10 Core Intel Xeon 4210 (2.20 GHz)
<b>RAM</b>	192 , 384, 768GB	192 , 384, 768GB
<b>Appliance Capacity</b>	8, 16TB HDD	8, 16TB HDD
<b>NVMe Flash (U.2)</b>	1 x 1.6TB	N/A
<b>2.5" SATA HDD</b>	8 x 1, 2TB	8 x 1, 2TB
<b>Cache (2.5" SATA SSD)</b>	1 x 480GB	1 x 480GB
<b>Drive Count</b>	9 x 2.5"	9 x 2.5"
<b>Optional GPU</b>	N/A	1 x NVIDIA Tesla T4
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	8 nodes (2 x X3-2500 + 6 x X3-2000)	8 nodes (2 x X3-2500 + 6 x X3-2000)
<b>Min Nodes per vPG</b>	3 nodes (2 x X3-2500 + 1 x X3-2000/X3-2000s)	3 nodes (2 x X3-2500 + 1 x X3-2000/X3-2000s)
<b>Max vPG Capacity</b>	128TB	128TB
<b>Network Connectivity</b>	8 x 10 GbE (SFP+ or RJ45)	6 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 750W AC Platinum	2 x 750W AC Platinum
<b>Physical Specifications</b>	Height: 4.3 cm (1.7in) Width: 43.4 cm (17.1 in) Depth: 71.5 cm (28.1 in) Weight: Max config 41.4 lbs. (18.8kg)	Height: 4.3 cm (1.7in) Width: 43.4 cm (17.1 in) Depth: 71.5 cm (28.1 in) Weight: Max config 41.4 lbs. (18.8kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)
<b>Operating Relative Humidity</b>	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)
<b>Thermal Rating</b>	2891 BTU/hr.	2891 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.1 for Servers	ENERGY STAR 2.1 for Servers

# 1U Hybrid HCI Appliances (D2)

Item	X3-2500 Hybrid HCI Appliance (D2)	X3-2000 Hybrid HCI Appliance (D2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Dell PowerEdge R640	Dell PowerEdge R640
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	1U	1U
<b>Processor</b>	2x 10 Core Intel Xeon 4114 (2.20 GHz) or 2x 10 Core Intel Xeon 4210 (2.20 GHz)	2x 10 Core Intel Xeon 4114 (2.20 GHz) or 2x 10 Core Intel Xeon 4210 (2.20 GHz)
<b>RAM</b>	192 , 384, 768GB	192 , 384, 768GB
<b>Appliance Capacity</b>	8, 16TB HDD	8, 16TB HDD
<b>NVMe Flash (U.2)</b>	1 x 1.6TB	N/A
<b>2.5" SATA HDD</b>	8 x 1, 2TB	8 x 1, 2TB
<b>Cache (2.5" SATA SSD)</b>	1 x 480GB	1 x 480GB
<b>Drive Count</b>	9 x 2.5"	9 x 2.5"
<b>Optional GPU</b>	N/A	1 x NVIDIA Tesla T4
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	8 nodes (2 x X3-2500 + 6 x X3-2000)	8 nodes (2 x X3-2500 + 6 x X3-2000)
<b>Min Nodes per vPG</b>	3 nodes (2 x X3-2500 + 1 x X3-2000/X3-2000s)	3 nodes (2 x X3-2500 + 1 x X3-2000/X3-2000s)
<b>Max vPG Capacity</b>	128TB	128TB
<b>Network Connectivity</b>	8 x 10 GbE (SFP+ or RJ45)	6 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 750W AC Platinum	2 x 750W AC Platinum
<b>Physical Specifications</b>	Height: 4.28 cm (1.68in) Width: 43.4 cm (17.08 in) Depth: 72.19 cm (28.42 in) Weight: Max config 48.28 lbs. (21.9kg)	Height: 4.28 cm (1.68in) Width: 43.4 cm (17.08 in) Depth: 72.19 cm (28.42 in) Weight: Max config 48.28 lbs. (21.9kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 950 m or 3117 ft)	50°F to 95°F (10°C to 35°C) (Altitude < 950 m or 3117 ft)
<b>Operating Relative Humidity</b>	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point.	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point.
<b>Thermal Rating</b>	2891 BTU/hr.	2891 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.0 for Servers	ENERGY STAR 2.0 for Servers

# 2U Flash Storage Appliances



Item	X5-6000s Flash Storage Appliance (L2)	X5-6000s Flash Storage Appliance (D2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Lenovo ThinkSystem SR650	Dell PowerEdge R740
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	2U	2U
<b>Processors</b>	1x 6 Core Intel Xeon 3104 (1.70GHz) or 1x 6 Core Intel Xeon 3204 (1.90GHz)	1x 6 Core Intel Xeon 3104 (1.70GHz) or 1x 6 Core Intel Xeon 3204 (1.90GHz)
<b>RAM</b>	32GB	32GB
<b>Appliance Capacity</b>	15.3, 30.7, 61.4TB	15.3, 30.7, 61.4TB
<b>NVMe Flash (AIC)</b>	N/A	N/A
<b>2.5" SATA SSD</b>	960GB, 1.92TB, 3.84TB	960GB, 1.92TB, 3.84TB
<b>Drive Count</b>	16 x 2.5" SSD	16 x 2.5" SSD
<b>Optional GPU</b>	N/A	N/A
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	16 nodes (2 x X5-6500 + 14 x X5-6000s)	16 nodes (2 x X5-6500 + 14 x X5-6000s)
<b>Min Nodes per vPG</b>	3 nodes (2 x X5-6500 + 1 x X5-6000s)	3 nodes (2 x X5-6500 + 1 x X5-6000s)
<b>Max vPG Capacity</b>	983TB	983TB
<b>Network Connectivity</b>	4 x 10 GbE (SFP+ or RJ45)	4 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 1100W AC Platinum	2 x 1100W AC Platinum
<b>Physical Specifications</b>	Height: 3.4 in. (8.7 cm) Width: 17.5 in. (44.5 cm) Depth: 28.3 in. (72 cm) Weight: Max config: 70.5 lbs. (32 kg)	Height: 3.4 in. (8.7 cm) Width: 17.1 in. (43.4 cm) Depth: 28.2 in. (71.5 cm) Weight: Max config: 57.98 lbs. (26.3kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 3117 ft.)
<b>Operating Relative Humidity</b>	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point
<b>Thermal Rating</b>	4100BTU/hr.	4100 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.1 for Servers, UL/IEC 60950-1, FCC part 15 class A,	ENERGY STAR 2.0 for Servers

## 2U Hybrid Storage Appliances



Item	X5-2000s Hybrid Storage Appliance (L2)	X5-2000s Hybrid Storage Appliance (D2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Lenovo ThinkSystem SR650	Dell PowerEdge R740xd
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	2U	2U
<b>Processors</b>	1x 6 Core Intel Xeon 3104 (1.70GHz) or 1x 6 Core Intel Xeon 3204 (1.90GHz)	1x 6 Core Intel Xeon 3104 (1.70GHz) or 1x 6 Core Intel Xeon 3204 (1.90GHz)
<b>RAM</b>	32GB	32GB
<b>Appliance Capacity</b>	12, 24, 48, 96, 120, 144TB	12, 24, 48, 96, 120, 144TB
<b>NVMe Flash (AIC)</b>	N/A	N/A
<b>3.5" SATA HDD</b>	1, 2, 4, 8, 10, 12TB	1, 2, 4, 8, 10, 12TB
<b>Cache (2.5" SATA SSD)</b>	2 x 480GB (in rear)	2 x 480GB (in rear)
<b>Drive Count</b>	12 x 3.5" HDD + 2 x 2.5" SSD	12 x 3.5" HDD + 2 x 2.5" SSD
<b>Optional GPU</b>	N/A	N/A
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	12 nodes (2 x X5-2500 + 10 x X5-2000s)	12 nodes (2 x X5-2500 + 10 x X5-2000s)
<b>Min Nodes per vPG</b>	3 nodes (2 x X5-2500 + 1 x X5-2000s)	3 nodes (2 x X5-2500 + 1 x X5-2000s)
<b>Max vPG Capacity</b>	576TB	576TB
<b>Network Connectivity</b>	4 x 10 GbE (SFP+ or RJ45)	4 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 1100W AC Platinum	2 x 1100W AC Platinum
<b>Physical Specifications</b>	Height: 3.4 in. (8.7 cm) Width: 17.5 in. (44.5 cm) Depth: 28.2 in. (71.5 cm) Weight: Max config: 72.9 lbs. (33.1 kg)	Height: 3.4 in. (8.7 cm) Width: 17.5 in. (44.5 cm) Depth: 28.3 in. (72 cm) Weight: Max config: 70.5 lbs. (32 kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 3117 ft.)	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)
<b>Operating Relative Humidity</b>	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)
<b>Thermal Rating</b>	4100 BTU/hr.	4100 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.0 for Servers	ENERGY STAR 2.1 for Servers, UL/IEC 60950-1, FCC part 15 class A,

# 1U Flash Storage Appliances



Item	X3-6000s Flash Storage Appliance (L2)	X3-6000s Flash Storage Appliance (D2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Lenovo ThinkSystem SR630	Dell PowerEdge R640
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	1U	1U
<b>Processor</b>	1x 6 Core Intel Xeon 3104 (1.70GHz) or 1x 6 Core Intel Xeon 3204 (1.90GHz)	1x 6 Core Intel Xeon 3104 (1.70GHz) or 1x 6 Core Intel Xeon 3204 (1.90GHz)
<b>RAM</b>	32GB	32GB
<b>Appliance Capacity</b>	7.6, 15.2, 30.7 TB SSD	7.6, 15.2, 30.7 TB SSD
<b>NVMe Flash (U.2)</b>	N/A	N/A
<b>2.5" SATA SSD</b>	960GB, 1.9TB or 3.8TB	960GB, 1.9TB or 3.8TB
<b>Drive Count</b>	8 x 2.5" SSD	8 x 2.5" SSD
<b>Optional GPU</b>	N/A	N/A
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	8 nodes (2 x X3-6500 + 6x X3-6000s)	8 nodes (2 x X3-6500 + 6x X3-6000s)
<b>Min Nodes per vPG</b>	3 nodes (2 x X3-6500 + 1 x X3-6000s)	3 nodes (2 x X3-6500 + 1 x X3-6000s)
<b>Max vPG Capacity</b>	245.6TB	245.6TB
<b>Network Connectivity</b>	4 x 10 GbE (SFP+ or RJ45)	4 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 750W AC Platinum	2 x 750W AC Platinum
<b>Physical Specifications</b>	Height: 4.3 cm (1.7in) Width: 43.4 cm (17.1 in) Depth: 71.5 cm (28.1 in) Weight: Max config 41.4 lbs. (18.8kg)	Height: 4.28 cm (1.68in) Width: 43.4 cm (17.08 in) Depth: 72.19 cm (28.42 in) Weight: Max config 48.28 lbs. (21.9kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 3117 ft.)	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)
<b>Operating Relative Humidity</b>	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point.	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)
<b>Thermal Rating</b>	2891 BTU/hr.	2891 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.0 for Servers	ENERGY STAR 2.1 for Servers

# 1U Hybrid Storage Appliances



Item	X3-2000s Hybrid Storage Appliance (L2)	X3-2000s Hybrid Storage Appliance (D2)
<b>Hyperconverged Software Platform</b>	Pivot3 Acuity Datacenter Edition	Pivot3 Acuity Datacenter Edition
<b>Server Platform</b>	Lenovo SR630	Dell PowerEdge R640
<b>Hypervisor Platform</b>	VMware ESXi 6.5	VMware ESXi 6.5
<b>Form Factor</b>	1U	1U
<b>Processor</b>	1x 6 Core Intel Xeon 3104 (1.70GHz) or 1x 6 Core Intel Xeon 3204 (1.90GHz)	1x 6 Core Intel Xeon 3104 (1.70GHz) or 1x 6 Core Intel Xeon 3204 (1.90GHz)
<b>RAM</b>	32GB	32GB
<b>Appliance Capacity</b>	8, 16TB HDD	8, 16TB HDD
<b>NVMe Flash (U.2)</b>	N/A	N/A
<b>3.5" SATA HDD</b>	8 x 1, 2TB	8 x 1, 2TB
<b>Cache (2.5" SATA SSD)</b>	1 x 480GB	1 x 480GB
<b>Drive Count</b>	9 x 2.5"	9 x 2.5"
<b>Optional GPU</b>	N/A	N/A
<b>Max Domain Size</b>	Unlimited	Unlimited
<b>Max Nodes per vPG</b>	8 nodes (2 x X3-2500 + 6 x X3-2000s)	8 nodes (2 x X3-2500 + 6 x X3-2000s)
<b>Min Nodes per vPG</b>	3 nodes (2 x X3-2500 + 1 x X3-2000s)	3 nodes (2 x X3-2500 + 1 x X3-2000s)
<b>Max vPG Capacity</b>	128TB	128TB
<b>Network Connectivity</b>	4 x 10 GbE (SFP+ or RJ45)	4 x 10 GbE (SFP+ or RJ45)
<b>Power Supplies</b>	2 x 750W AC Platinum	2 x 750W AC Platinum
<b>Physical Specifications</b>	Height: 4.3 cm (1.7in) Width: 43.4 cm (17.1 in) Depth: 71.5 cm (28.1 in) Weight: Max config 41.4 lbs. (18.8kg)	Height: 4.28 cm (1.68in) Width: 43.4 cm (17.1 in) Depth: 72.19 cm (28.42 in) Weight: Max config 48.28 lbs. (21.9kg)
<b>Ambient Temperature</b>	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 2953 ft.)	50°F to 95°F (10°C to 35°C) (Altitude < 900 m or 3117 ft.)
<b>Operating Relative Humidity</b>	8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)	10% to 80% relative humidity with 84.2°F (29°C) maximum dew point.
<b>Thermal Rating</b>	2891 BTU/hr.	2891 BTU/hr.
<b>Certifications</b>	ENERGY STAR 2.1 for Servers	ENERGY STAR 2.0 for Servers