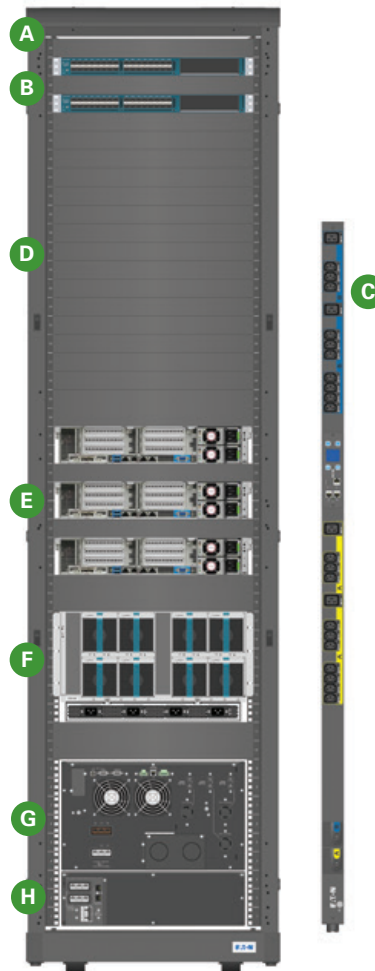


Compute-intensive hybrid cluster

- A** Eaton 42U enclosure
- B** Cisco UCS 6248UP 48-port fabric interconnect
- C** Eaton managed ePDU G3
- D** Eaton blanking panels
- E** Cisco HX 240c M4
- F** Cisco UCS B200 M4 Blade-Series servers
- G** Eaton 9PX, 7200 Watt, 6U UPS
- H** Eaton external battery module for 9PX UPS, 3U



Rear view

Eaton power Cisco HyperFlex Systems

Cisco expanded the boundaries of hyperconverged infrastructures by unifying the three traditional silos of compute, storage and network into one tightly integrated platform based on UCS. HyperFlex Systems provide centralized management, simplicity and easy scaling with the right mix of capacity and performance to deliver enterprise-grade data management and optimization. Power and power management are critical in making this a reality. Eaton's intelligent, integrated and scalable solutions are designed to organize, protect and manage HyperFlex Systems to help mitigate risk and drive business continuity.

EATON SOLUTIONS FOR CISCO HYPERFLEX SYSTEM COMPUTE-INTENSIVE CLUSTER

Cisco solutions

Layer	Component	Qty	Power connections	Typical power (watts)	Total typical power (watts)
Fabric interconnect	UCS 6248UP	2	(2) C14	380	760
Hyperconverged infrastructure	HX240c M4	3	(2) C14	572	1053
	UCS5108 blade server chassis	1	(2) C19	2915	2915
	UCS B200 M4 blade servers	2	n/a		
				Total Power	5391
Software	UCS Manager 2.2 and integrated management controller		Connection to UCS management for automated configuration through a single interface		
Software	HyperFlex DX data platform		1- or 3-year software subscription		
Software	VMware vSphere ESXi 6.0		Preinstalled; ESXi 5.5 supported but not preinstalled		

Eaton solutions

Layer	Component	Qty	Details
Enclosure	ETN-ENC422442SB	1	42U rack, 24 inches wide and 42 inches deep
Cable management	ETN-PBP1U10	4	10-pack 1U blanking panels
Cable management	ETN-STLDRING	2	Cable D-ring kit
Cable management	ETN-CMVCKL	2	Velcro buckle straps
Power distribution	EMA107-10	2	Managed rack power distribution for outlet-level consumption monitoring, outlet switching and remote site management, 200-240V, L6-30P input plug, (20) C13 and (4) C19 output receptacles
Power protection	9PX8K UPS with Network Management Card	1	7200W UPS, 208V, terminal block with (3) L6-30R and hardwired terminal block output connections; 6U; includes network management card; provides 9 minutes of battery runtime
Power protection	9PXEBM240RT	1	External battery module extends runtime to 23 minutes
Environmental sensor	116750224-001	1	Environmental monitoring probe monitors humidity and temperature
Power management	66926	1	IPM version 1.53 gold license

For more information visit:
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