



# ATLANTIS HYPERSCALE™

## SPECIFICATIONS: CX-12-CS / CX-24-CS



SERVER SPECIFICATIONS	CX-12-CS	CX-24-CS	
Server Compute (per node)	Cisco UCS C220 M4 <sup>1</sup> Rack Server w/ Two Intel E5-2680 v3 12-Cores Processors		
Hypervisor	VMware vSphere 5.5 or Citrix XenServer 6.5		
Memory (per node)	256GB-768GB	384GB-768GB	
Networking	2x 10GbE & 2 x 1GbE		
STORAGE			
All-Flash Effective Capacity (TB) <sup>2</sup> (Per 4-Node Appliance)	12 TB	24 TB	
Local Flash Storage (per node)	3x 400GB SSD, 2x 32GB SD	3x 800GB SSD, 2x 32GB SD	
Storage Resiliency Policy	HA Enabled with Single Host Failure Protection <sup>3</sup>		
GENERAL PURPOSE SERVER VIRTUAL MACHINE DENSITY (2 vCPU, 4GB RAM, 50GB)			
Server VMs (Per 4-Node Appliance)	170	365	
VIRTUAL DESKTOP DENSITY (CX-12 / CX-24)			
Maximum Number of Virtual Desktops (Per 4-Node Appliance)	Task Worker (20GB, 1vCPU, 1.5GB RAM LoginVSI Task Worker)	Knowledge Worker (50GB, 2vCPU, 2GB RAM LoginVSI Knowledge Worker)	Power User (100GB, 2vCPU, 4GB RAM LoginVSI Storage Workload)
Stateless VDI	800 / 800	600 / 600	300 / 350
Persistent VDI	450 / 800	350 / 600	175 / 350

<sup>1</sup> For detailed information, please read the Cisco UCS C220 M4 Server datasheet.

<sup>2</sup> All-Flash Effective Capacity is the capacity available after a 70% data reduction and resiliency of 1 out of 4 nodes failing. See the Hyperscale Storage Guarantee at [www.atlantiscomputing.com/hyperscale](http://www.atlantiscomputing.com/hyperscale) for more details.

<sup>3</sup> High Availability enabled with a single host failure of 1 means that any one of the 4 nodes can fail or lose power and the storage of the hyper-converged system will continue to operate. In a failure scenario with a single failed node, the number of virtual servers or desktops may be limited depending on the resources available. The hypervisor's High Availability can be configured to restart VMs of a failed node on the remaining three nodes.

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