ATLANTIS HYPERSCALE

SPECIFICATIONS: CX-12-SM / CX-24-SM

SERVER SPECIFICATIONS	CX-12-SM	CX-24-SM
Server Compute (per node)	Supermicro SuperServer 2028TP-HC1R[1] w/ Two Intel E5-2680 v3 12-Cores Processors	
Hypervisor	VMware vSphere 5.5, Citrix XenServer 6.5	
Memory (per node)	256GB-512GB	384GB - 512GB
Networking	2x 10GbE & 2 x 1GbE	
STORAGE		
All-Flash Effective Capacity (TB)[2] (Per 4-Node Appliance)	12 TB	24 TB
Local Flash Storage (per node)	3x 400GB, 32GB SATA DOM	3x 800GB, 32GB SATA DOM
Storage Resiliency Policy	HA Enabled with Single Host Failure Protection[3]	
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, 1GB RAM Login-VSI Task Worker)	Knowledge Worker (50GB, 2vCPU, 1.5GB RAM LoginVSI Knowledge Worker)	Power User (100GB, 2vCPU, 2GB RAM LoginVSI Storage Workload)
Stateless VDI	800 / 800	600 / 600	300 / 350
Persistent VDI	450 / 800	350 / 600	175 / 350

1 For detailed information, please read the Supermicro 2028TP-HC1R datasheet

2 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 for more details.

3 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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