

# xStor OMEGA N4U Specifications



Processor	
Processor Type	Intel® Xeon® processor E5-2600 v3 product family Intel® Xeon® processor E5-2600 v4 product family
Max. TDP Support	135W
Number of Processors	2
Internal Interconnect	6.4 / 8.0/ 9.6 GT/s
L3 Cache	Up to 45MB
Form Factor	
Form Factor	4U
Dimensions	
W x H x D (inch)	17.6 x 6.9 x 35.9
W x H x D (mm)	447 x 175.3 x 912.2
Chipset	
Chipset	Intel® C610
Storage	
Default Configuration	2.5" Hot-plug 3.5" Hot-plug
Options	SKU 1: 2 MBs with 70x 3.5"/2.5" hot plug, each MB manages 35 hard drives  SKU 2: 1 MB with 70x 3.5"/2.5" hot plug and 8x 3.5" hot plug drives SKU 3: 1 MB with 70x 3.5"/2.5" hot plug, 6x 3.5" hot plug drives and 2x 2.5" 15mm hot plug U.2 drives
Memory	
Total Slots	16
Capacity	Up to 512GB RDIMM Up to 1024GB LRDIMM
Memory Type	2133/2400 MHz DDR4 RDIMM/ LRDIMM
Expansion Slot	
Default Configuration	(1) PCIe Gen3 x8 riser slot 1 HHHL (1) OCP PCIe Gen3 x8 LAN Mezz (1) PCIe Gen3 x8 riser slot 2 HHHL or SAS Mezz (1) PCIe Gen3 x16 riser slot 3 FHHL
Network Controller	
LOM	(2) GbE ports Intel I350 LOM (1) Dedicated management 10/100/1000 port

Optional NIC	XSTOR Intel® I350 dual-port OCP mezzanine XSTOR Intel® X540 dual-port 10GbE BASE-T OCP mezzanine XSTOR Intel® 82599ES dual-port 10G SFP+ OCP mezzanine XSTOR Mellanox CX3PRO 10G SFP+ OCP mezzanine with RDMA support (more options refer to the CCL)
<b>Front I/O</b>	
Front I/O	Power/ID/Reset Buttons, LEDs
<b>Storage Controller</b>	
Onboard	Wellsburg PCH RSTe
Optional Controller	XStor LSI® 3008 12Gb/s SAS mezzanine, RAID 0,1,10 XStor LSI® 3108 12Gb/s RAID mezzanine, RAID 0, 1, 5, 10; RAID 6 requires additional RAID key (more options refer to the CCL)
<b>Power Supply</b>	
Power Supply	Redundant 2+2 PSU (1,200W, 100V-240V, Platinum)
<b>Onboard Storage</b>	
Onboard Storage	(2) 2.5" hot-plug SSD (1) SATADOM
<b>Fan</b>	
Fan	(4) 8056 + (1) 6056 dual-rotor Fans, support one rotor failed redundancy
<b>Video</b>	
Video	ASPEED AST2400 8MB DDR3 video memory
<b>System Management</b>	
System Management	IPMI v2.0 Compliant, onboard "KVM over IP," XStor System Manager (XSM)/XStor DataCenter Manager(QDCM) (optional)
<b>Rear I/O</b>	
Rear I/O	(2) USB 3.0 ports (1) VGA port (2) RS232 serial port (2) GbE RJ45 ports (1) GbE RJ45 management port
<b>Operating Environment</b>	
Operating Environment	IPMI v2.0 Compliant, onboard "KVM over IP," XStor System Manager (XSM)/XStor DataCenter Manager(QDCM) (optional) Operating temperature: 5°C to 35°C (41°F to 95°F) Non-operating temperature: -40°C to 65°C (-40°F to 149°F) Operating relative humidity: 50% to 85%RH. Non-operating relative humidity: 20% to 90%RH
<b>TPM</b>	
TPM	Yes (TPM 2.0/1.2, LPC)
<b>Weight (Max. Configuration)</b>	
Weight (Max. Configuration)	~130Kg(w/ 78xHDD)