

SYS-1019P-OSN HARDWARE CONFIGURATION (TESTED)

Component	PN	Description/Comments
System	SYS-1019P-WTR	
Chassis	CSE-116AC2-R504WB	1U rackmount server enclosure w/ 10 2.5" HDD bays.
Motherboard	X11SPW-TF	X11SPW-TF (BIOS: 2.1, IPMI Firmware: 1.46) Single-Socket P (LGA3647) 205W Skylake 6 DIMM slots 2 (x16) PCIe 3.0 expansion slots 1 (x8) PCIe 3.0 low-profile expansion slot M.2 Interface: PCI-E 3.0 x4
SSD (OS)	HDS-I2T0-SSDSC2KB240G8	(2x) Intel D3-S4510 240GB SATA 6Gb/s 3D TLC 2.5" 7mm System boot drives (RAID1). HDD0 (front, lower-left) => S-SATA0 HDD1 (front, upper-left) => S-SATA1
CPU	P4X-SKL5115-SR3GB	10-core 2.4GHz Skylake 5115 processor @85W.
Memory	MEM-DR432L-HL01-ER26	192GB: (6x) 32GB DDR4-2666 2Rx4 ECC REG DIMM
Network AOC	AOC-MCX413A-GCAT-MS046	ConnectX-4 EN NIC, 50GbE single-port QSFP28, PCIe3.0 x8 PCI Slot #1 [b3:00.0] (x8 card in x16 slot)
Network AOC	AOC-MCX413A-GCAT-MS046	ConnectX-4 EN NIC, 50GbE single-port QSFP28, PCIe3.0 x8 PCI Slot #3 [17:00.0] (x8)
PSU	PWS-504P-1R	(2x) AC-DC 500W, Platinum Level, Redundancy, 1U, +12V/+5Vsb
NVMe Storage	HDS-SMN0-MZ1LB1T9HALS07	(2x) Samsung PM983, 1.9TB, NVMe, PCIe3.0x4, V4 TLC VNAND, M.2, 22x110mm
NVMe AOC	AOC-SLG3-2M2-P	PCI Slot #2 [65:00.0, 66:00.0] (x8 card in x16 slot) M.2_1 => 1.92T Samsung 983 DCT (1 of 2) M.2_2 => 1.92T Samsung 983 DCT (2 of 2)
All hardware components are supported and detected by the operating system (Red Hat Enterprise Linux 7.6). See output from dmidecode, ipmitool, lshw, etc.		