

Intel Whitley Dual Socket Server



- Mixed storage & computing
- 1 or 2* Intel ICE Lake series
- 32* DDR4 3200MHz Memory
- 11* PCIe4.0 expansion slots
- 2* full height & full length GPUs, MB original 2* M.2(2280)
- Modular: PCIe can change with disk, and tail PCIe can replace with up to 6 hard drive bays



Ultrahigh Computing

- TDP up to 270W, 40 cores. Dominant frequency up to 3.2GHz. 2* high-power GPUs. Improved kernel, frequency, cache & interconnection channel. DDR4 technologies, 12TB memory expansibility for digital currency, cloud computing, big data & virtual computing.



Availability & Security

- Full modular hard disk, PSU, fan & PCIe show the changeable, replaceable, expandable & low power system. Newest BMC tech to simplify maintenance, improve availability, ensure stable operation & reduce downtime.
- RAID Level by various RAID controllers for data integrity.



Massive Storage

- Up to 32* DIMM slots. 4/8/10/12/24/25/36 hard disk-bay for choice.
- Up to 36* 3.5"+rear 4* 3.5" or 4* 2.5" hot-swap hard disks, providing excellent data storage & expansibility.
- 11* PCIe4.0 expansion slots, with 1* OCP NIC 3.0.



AI Management

- IPMI remote management enables real-time monitoring of the system and operation incl. power on/off, to ensure system's maintenance.
- Truly Redundant architecture, incl. fan, PSU, storage.

PRODUCT DISPLAY



Spec

Model	SL101-D04R-G3	SL101-D10R-G3	SL201-D08R-G3	SL201-D12R/SL201-D12RE-G3	SL201-D25RE-G3	SL401-D24RE-G3	SL401-D36RE-G3
Front hard disk	Up to 4* 3.5/2.5" SATA/SAS3.0 hard disk	Up to 10* 2.5" SATA/SAS3.0 hard disk	Up to 8* 3.5/2.5" SATA/SAS3.0 hard disk	Up to 12* 3.5/2.5" SATA/SAS3.0 hard disk	Up to 25* 2.5" SATA/SAS3.0 hard disk	Up to 24* 3.5/2.5" SATA/SAS3.0 hard disk	Up to 36* 3.5/2.5" SATA/SAS3.0 hard disk
Rear hard disk	N/A		Tail PCIe can be replaced with up to 6* hard disk bays, and 2* built-in 2.5" SSD in 2U8 bay				
Dimension	748*433.4*43.6mm(D * W * H)		748*433.4*87.6mm(D * W * H)		798*433*176.5mm(D * W * H)		
CPU	1 or 2* Intel® ICE Lake Whitley Platform Series processors, incl. 83XX/ 63XX/ 53XX/ 43XX processor, TDP up to 270W						
Chipset	Intel®C621A dedicated-processor chipset						
Memory	Supports DDR4 ECC RDIMM/LRDIMM, memory frequency supports 1866/2133/2400/2666/2933/3200 MHz 32* DDR4 slots support up to 12TB memory & up to 16* Optane PMem 200 series						
Storage Controllers	On-board PCH supports RAID 0\1\10 & 5 External HBA (Not RAID): 12 Gbps SAS HBA On-board storage: 2* PCIe 4.0 x 4 M.2 slots, 2* 7Pin SATA3.0 ports, 2* Slimline SAS X8 ports						
Drive	Supports 4/8/10/12/24/25/36 hot-swap SAS/SATA (HDD/SSD)						
PSU	Supports 550W, 800W, 1200W, 1300W, 1600W, 2000W, 2200W hot-swap Redundant PSU. Optional 240V HVDC, 336V HVDC & -48V HVDC						
External port & PCIe	Front: 1 VGA (AST2500), 2 USB3.0 Rear: 1* VGA (AST2500), 1 COM port, 2* USB3.0, 1* management LAN port, 2* GbE RJ45 LAN ports Up to 10* PCIe expansion slots. 1U models support up to 2* full height PCIe OCP slot: 1 OCP 3.0 (PCIe X8)						
System Fan	7* 4056 hot-swap fans		4* 8038 N+1 Redundant hot-swap fans, optional 4* 8056 N+1 Redundant hot-swap fans		8* 8038 N+1 Redundant hot-swap fans, optional 8* 8056 N+1 Redundant hot-swap fans		
Network	Onboard 2* 1GbE						
Security	TPM/TCM (Optional). Chassis Intrusion Detection. Security Lock on Top Cover						
Management	Onboard iBMC management module, IPMI, SOL, KVM Over IP, virtual media, etc.						
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu						
Virtualization	Citrix Xen Server, Vmware ESXi, Linux KVM, Windows Hyper-V						
Temperature	Operating temperature: 10°C - 35°C (indoor). Extended Operating temperature: 5°C - 40°C (specific configuration). Transportation & storage temperature: -40°C - 70°C						
Humidity	Operating humidity: 30% - 80% (non-condensing). Storage humidity: 5% - 95% (non-condensing)						