

Intel Purley Dual Socket Server



- Mixed storage & computing
- 1 or 2 Intel Xeon Scalable CPU
- 24* DDR4 2933MHz Memory, max. 12* DIMM slots for Optane PMem.
- Up to 11* PCIe 3.0 slots (with 1* OCP NIC 3.0)
- AI: 2 high-power GPUs, MB has 2* original M.2 ports
- PCIe can change with disk, and tail PCIe can replace with up to 6 hard disk bays



Ultrahigh Computing

- Supports Sky Lake and Cascade Lake, and 2 high-power GPUs, the MB has 2 original M.2 ports.
- Totally improved kernel, frequency, cache and interconnection channel. DDR4 is for 9TB expansion, which can meet digital currency, cloud computing, big data and virtual computing.



Massive Storage

- Maximum 24DIMM slots, 12*Optane PMem 100 series, with 4/8/10/12/24/25/36-Bay for choice;
- 3.5"+ rear 4* 3.5" and 4* 2.5" or 8* 2.5" hot-plug hard disks, providing excellent storage & scalability;
- 11* PCIe extensions: 6 full-height, 4* half-height, 1* OCP NIC 3.0.



Modular, Stable

- Full modular design of hard disk, PSU and fan. PCIe can change with disk. Tail PCIe can be replaced to up to 6 hard disk bays.
- Whole machine via strict compatibility & reliability tests.



AI Management

- IPMI remote management enables real-time monitoring to ensure system's maintenance.
- Truly Redundant architecture, incl. fan, PSU, storage.

PRODUCT DISPLAY



Spec

Model	SL101-D04R	SL101-D10R	SL201-D08R	SL201-D12R/SL201-D12RE	SL201-D25RE	SL401-D24RE	SL401-D36RE
Front hard disk	Up to 4* 3.5" /2.5" SAS/ SATA3.0 hard disks	Up to 10* 2.5" SAS/ SATA3.0 hard disks	Up to 8* 3.5" /2.5" SAS/ SATA3.0 hard disks	Up to 12* 3.5" /2.5" SAS/ SATA3.0 hard disks	Up to 25* 2.5" SAS/ SATA3.0 hard disks	Up to 24* 3.5" /2.5" SAS/ SATA3.0 hard disks	Up to 36* 3.5" /2.5" SAS/ SATA3.0 hard disks
Rear hard disk	N/A		Rear PCIe can be replaced with up to 6* hard disk bay, and 2* 2.5" SSD can be built 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	Supports 1 or 2 Intel® Xeon® Scalable processors, incl.81/2XX,61/2XX,51/2XX,41/2XX,31/2XX processor, TDP up to 205W						
Chipset	Intel®C621 series dedicated-processor chipset						
Memory	Supports DDR4 ECC RDIMM/LRDIMM, and memory frequency supports 1866/2133/2400/2666/2933 MHz Up to 12* DDR4 Channels, per channel supports 2* DIMM, 24* DDR4 slots, up to 12* Optane PMem 100 series, up to 2666MHz						
Storage Controllers	Onboard PCH supports RAID 0\1\10and5 External HBA (not RAID): 12 Gbps SAS HBA Onboard storage: 2* PCIe 3.0 x4 M.2 slots, 2* 7Pin SATA3.0 ports, 2* Slimline SAS X8 ports						
Driver	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 PSU						
External port & PCIe	Front port: 1* VGA (AST2500), 2* USB3.0 Rear port: 1* VGA(AST2500), 1* COM port, 2*USB3.0, 1* management LAN port, 2* 1GbE RJ45 LAN port Up to 10* PCIe expansion slots. 1U model supports up to 2* full-height PCIe cards 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 hot-swap Redundant fans		8* 8038 N+1 Redundant hot-swap fans, optional 8* 8056 N+1 hot-swap Redundant 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)						