

TECHNICAL SPECIFICATIONS

Model : SG658-V3



| ITEM | DESCRIPTION |
|-----------------------|---|
| Option | 4U8 Card - Direct Through 4U8 card/10 card Switch |
| Processor | Supports 2 Intel® Xeon® Sapphire Rapids (compatible with Emerald Rapids), supporting up to 350W UP to 4 Links |
| Memory | Supports 32 DDR5 memory slots, a total of 16 channels, up to 4800MHz Support for RDIMM/3DS RDIMM |
| Storage | Integrated 6Gb/s SATA controller; Optional support for 12Gb/s SAS HBA and 12Gb/s SAS RAID controller Supports VMD and VROC 8.0 |
| Local storage | Supports 12 3.5-inch hard drives Supports 8 3.5-inch hard drives Supports 24 2.5-inch hard drives Supports up to 4 U2 NVMe SSDs Two M.2 SSDs 2280&22110, compatible with PCIe and SATA |
| PCIe Slots | Supports up to 8 full height, full length, and dual width GPU cards Supports up to 11 standard PCIe slots Supports 1 PCIe 5.0 x16+2 PCIe 5.0 x8 in addition to 8GPU |
| Network | Supports up to 10 full height, full length, and double width GPU cards (8 cards are optimal) Supports up to 15 standard PCIe slots Supports 5 PCIe 5.0 x16 in addition to 8GPU Supports built-in optional 2 standard single width and half height cards (PCIe 4.0x8) |
| I/O Ports | 1 x 1Gb RJ45 dedicated management network port 2 x 1Gb RJ45 data network ports, supporting NCSI |
| Management | Front end: 1 x VGA, 2 x USB 3.0 Rear: 1 x VGA, 4 x USB 3.0, 1 x RJ45 management network port, 1 x COM port, and 2 x 1Gb RJ45 data network ports |
| Security | Integrated BMC management chip AST2600, supporting functions such as IPMI2.0, Redfish, SOL, KVM, virtual media, etc Provide 1 x 1Gbps RJ45 dedicated management port |
| Power Supply | Optional TPM/TCM security module, intrusion detection when opening the chassis cover, and locking the upper cover of the chassis (tool free) Supports BIOS/BMC dual flash redundancy design |
| System Cooling | Can be configured with 4 CRPS power modules, supports hot swapping, and supports 2+2/3/1/1+1 redundancy mode (different redundancy modes do not require brushing the model) Optional 1600W/2000W/2400W/2700W Optional platinum or titanium grade power module |
| Dimensions | N+1 redundancy, hot swappable Support for rear fan module selection |
| Operating Environment | 2.5 "hard drive chassis size, width 448x height 175x depth 772mm (including ear hook 792mm) 3.5 "hard drive chassis size, width 448x height 175x depth 822mm (including hanging ears 842mm) |
| Operating Humidity | 5 ° C -35 ° C (without direct light) |
| Operating Systems | 8% -90% |
| | Microsoft Windows Server, Microsoft Hyper-V Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, Oracle Linux, VMware ESXi, Citrix XenServer, etc Please consult sales personnel for specific versions |

