

Gooxi Intel Dual Socket High-end Standard Server Specification

1) Product type

1U rackmount server

2) Product overview

Gooxi 1U Intel dual socket high-end standard server adopts Gooxi G4DCL-B motherboard and supports one or two third Gen Intel® Xeon® Scalable series processors, 32 DIMM DDR4 memory slots, on-board 2 M.2 ports, 2 Gigabit network ports, 1 RJ45 management network port and 2 PCIe3.0/PCIe4.0 expansion slots, suitable for virtualization, cloud computing, big data processing, high-performance computing, distributed storage, enterprise market or telecom business applications.

3) Product features

- ◆ Support one or two third Gen Intel® Xeon® Scalable series processors, LGA4189 socket, up to 270W
- ◆ Support up to 32 DDR4 memory slots, memory frequency 2133/2400/2666/2933/3200MHz, server system supports 12TB memory capacity
- ◆ 2* PCIe 4.0 x2 M.2 ports (size 2280) on-board motherboard
- ◆ Modular design, multiple combinations of PCIe & hard driver
- ◆ 2* PCIe4.0 x 16 expansion slots

4) Product picture



(product pictures are for reference only, please refer to the real object as standard)

5) Product specification

Product series	SL101-D04R-G3	SL101-D10R/NV-G3
Product type	1U4-bay	1U10-bay
Dimensions	748*433.4*43.6mm (D*W*H)	
Processor	Support one or two third Gen Intel® Xeon® Scalable series processors	
Memory	32* DDR4 memory slots, support DDR4 LRDIMM/RDIMM 2400/2666/2933/3200 MHz. Per DIMM 256GB. Compatible with Optane® memory, whole server system supports maximum 12TB	
Inner storage port	3* Mini SAS HD ports, 2* SATA DOM, 2* M.2 (NVMe) ports	
External hard disk	Front 4* hot-swap 3.5 / 2.5-inch SAS / SATA hard disks	Front 10* hot-swap 3.5 / 2.5-inch SAS / SATA / U.2 hard disks
External port	Front port: 1* VGA, 2* USB3.0	Front: 2* USB2.0
	Rear port: 1* VGA, 1* COM port, 2* USB3.0, 1* RJ45 Gigabit management LAN port, 2* Gigabit RJ45 LAN port	
PCIe extension type	Up to 2 PCIe full-height, single-width, half-length slots, 1 * OCP 3.0 card	
PCIe extension	Riser1: 1 PCIe4.0x 16; Riser2: 1* PCIe4.0x 16	
Safety	TPM module	
Power supply	Support AC 220V 550W, 800W, 1300W, 1600W and 2200W redundant power supply (adapt according to actual power)	
	Support high-voltage DC 240V ~ 336V 550W, 800W, 1300W	
	Support low-voltage DC -48V 550W, 800W and 1300W	
System fan	7* 4056 hot-swap N+1 redundant fans	

IPMI	IPMI2.0
Management port	1* dedicated RJ45 management LAN port
Authentication	CCC
RoHS	RoHS2.0
Operating environment	Temperature: 5°C~35°C/ Humidity: 20%~80% RH non-condensing
Storage environment	Short-time storage ($\leq 72\text{H}$): temperature -40°C~70°C/ humidity 20%~90% RH non-condensing (including packaging) Long-time storage ($> 72\text{H}$): temperature 20°C~28°C/ humidity 30%~70% RH non-condensing (including packaging)

6) Ordering information

Type	PN	Model	Description
Barebone	80100336	SL101-D04R-G3	Intel dual socket 24DIMM, 4-bay
Barebone	80100335	SL101-D10R-G3	Intel dual socket 24DIMM, 10-bay
Barebone	N	SL101-D10R-NV-G3	Intel dual socket 24DIMM, 10-bay (support Tri-Mode)
Optional ordering			
PCIe Expansion module	33120128	SL1104-748-PCIE2-M	PCIe3.0 x16 transferring to x16, Riser1/Riser2
HBA card	22200171 T	G3008H	LSI3008 chipset, 12Gb/s SAS card
OCP3.0 NIC	22200348	G82599L	G82599L OCP3.0 NIC, adopts G82599 chip, 10GbE dual SFP+ port Ethernet network card
M.2 bridge board	22200374	RM2112-PCIEIB9	PCIe3.0X 16 transferring to 4* X4 M.2 ports
Retimer card	33120080	Retimer card (full-height bracket)	PCIe signal enhancement card, PCIe x16 transferring to two SFF 8654 ports, including full-height bracket
Raid card	25200007	LSI9361-8i(1Gb)	LSI9361-8I(1Gb)8-port 12Gb/s RAID card, support RAID level 0/1/5/6/10/50/60
Raid card	25200003	LSI9361-8i(2Gb)	LSI9361-8I(2Gb)8-port 12Gb/s RAID card, support RAID level 0/1/5/6/10/50/60
Guide rail	30100020	C2907-664-3	High-end server series 1U/2U/4U guide rails, length: 790mm
G710 NIC	22200243	G710	Intel XL710 chip, standard PCIe3.0 x8 NIC, 4*10G SFP+ Ports