

Specification of Gooxi Whitley 1U Dual-Socket High-End Server

1. Product Type

1U rackmount server

2. Product Overview

Gooxi Whitley 1U dual-socket high-end standard server adopts Gooxi **G4DCL-B** motherboard and supports 1 or 2 Gen3 Intel® Xeon® Scalable series processors, 32 DIMM DDR4 memory slots, on-board 2 M.2 ports, 2 Gigabit LAN ports, 1 RJ45 management LAN port and 3 PCIe3.0/PCIe4.0 expansion slots. Fits virtualization, cloud computing, big data processing, high-performance computing, distributed storage, enterprise market and telecom applications.

3. Product Features

- ◆ 1 or 2 Gen3 Intel® Xeon® Scalable, up to 205W TDP
- ◆ Up to 32 DDR4 slots, frequency 2666/2933/3200MHz
- ◆ On-board 2* NVMe PCIe 4.0 M.2 ports
- ◆ Modular design, multiple combinations of PCIe & hard drive
- ◆ 3* PCIe3.0 expansion slots

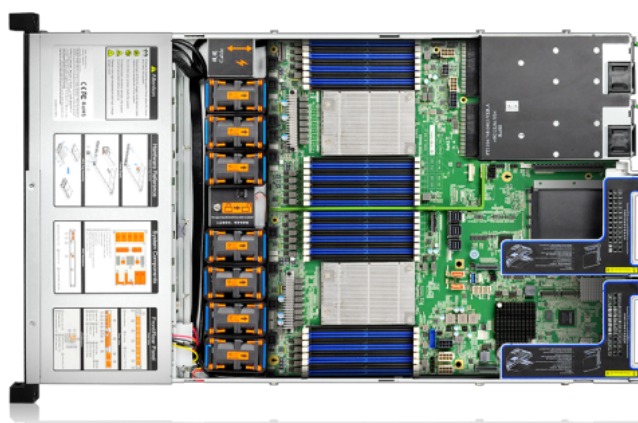
4. Product Pictures



Front View of 1U 4-bay Model



Front View of 1U 10-bay Model



5. Product Parameters

Product series	SL101-D04R-G3	SL101-D10R-G3 SL101-D10R-NV-G3
Product type	1U 4-bay	1U 10-bay
Dimensions	748*433.4*43.6mm (D*W*H)	
Processor	Support 1 or 2 Gen3 Intel® Xeon® Scalable processors; up to 205W TDP	
Memory	32* DDR4 memory slots, support DDR4 LRDIMM/RDIMM 2666/2933/3200 MHz	
Inner storage port	3* Mini SAS HD ports, 2* SATA DOM, 2 NVMe PCIe 4.0 M.2 ports (size 2280)	
External hard drive	Front 4* hot-swap 3.5/2.5-inch SAS/SATA hard drives	Front 10* hot-swap 2.5-inch SAS/SATA/NVMe hard drives
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 slot	
*PCIe extension	Riser1: 1*full-height PCIe 4.0 x16 Riser2: 1*full-height PCIe 4.0 x16 OCP: 1*OCP 3.0 (PCIe 3.0 x8)	
Security	Optional TPM module	
Power supply	Supports AC 220V 550W, 800W, 1300W, 1600W, 2000W and 2200W redundant power supply (adapt based on the actual power)	
Fan	7* 4056 hot-swap N+1 redundant fans	
IPMI	IPMI2.0	
Management port	1* dedicated RJ45 management LAN port	
Authentication	CCC, CE, FCC, ROHS	
Operating environment	Temperature: 5°C~35°C/ Humidity: 20%~80% RH non-condensing	
Storage environment	Short-time storage (≤72H): temperature -40°C~70°C/ humidity 20%~90% RH non-condensing (including packaging)	
	Long-time storage (>72H): temperature 20°C~28°C/ humidity 30%~70% RH non-condensing (including packaging)	

6. Ordering Information

For ordering in Russia please write to sales@ironbit.ru with the following partnumbers.

Type	PN	Model	Description
Barebone	0.21.001.0057	SL101-D04R-G3	Gooxi dual-socket Whitley platform 1U 4-bay model, SATA/SAS direct connection version, standard 550W 1+1 redundant power supply
Barebone	0.21.001.0059	SL101-D10R-G3	Gooxi dual-socket Whitley platform 1U 10-bay model, SATA/SAS direct connection version, standard 550W 1+1 redundant power supply
Barebone	0.21.001.0060	SL101-D10R-NV - G3	Gooxi dual-socket Whitley platform 1U 10-bay model, SATA/SAS/NVMe direct connection version, standard 550W 1+1 redundant power supply
Optional Accessories			
PCIe expansion module	4.00.312.0127	SL1104-748-PCIE1-M	PCIe 4.0x16 to 1*PCIe 4.0x16 , Riser1/Riser2 (including full-height bracket and adapter board)
RAID card	3.03.252.0007	LSI 9361-8i (1GB cache)	LSI MegaRAID SAS 9361-8i (1GB cache) RAID card, 8 SATA/SAS internal ports, PCIE3.0X8, data transfer rate 12Gb/s, support RAID, RAID level 0/1/5/6/10/50/60 .
RAID card	3.03.252.0003	LSI 9361-8i (2GB cache)	LSI MegaRAID SAS 9361-8i (2 GB cache) RAID card, 8 SATA/SAS internal ports, PCIE3.0X8, data transfer rate 12Gb/s, support RAID, RAID level 0/1/5/6/10/50/ 60.
HBA card	4.00.104.0005	G3008H-PK	Gooxi self-developed LSI 3008 chipset, 12Gb/s SAS card
OCP3.0 network card	1.23.222.0348	G82599L	Gooxi self-developed OCP3.0 network card, using G82599 chip, dual optical port 10 Gigabit network card
OCP3.0 network card	1.23.222.0417	G710L	Gooxi self-developed OCP3.0 network card, using XL710 chip, four-port 10 Gigabit network card
Network card	4.00.104.0013	G82599-PK	Gooxi self-developed Intel G82599 chip, standard PCIe3.0x 8 dual-port 10G network card
Network card	4.00.104.0008	G710-PK	Gooxi self-developed Intel XL710 chip, standard PCIe3.0x8 network card, 4*10G optical ports
Retimer card	4.00.312.0 131	SL2108-748-PCIE 8P-QM	PCIe signal enhancement module, PCIe 4.0 x16 to 2 SFF 8654 interfaces, including full-height bracket
Guide rail	4.00.312.0004	C2907-664-3	Gooxi L-shaped motherboard series 1U/2U/3U server rail, length: 790mm
Power module	3.03.153.0052	GC550PMP	Gooxi 550W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, support 240V DC
Power module	3.03.153.0049	GC800PMP	Gooxi 800W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, support 240V DC
Power	3.03.153.0047	GC1300PMP	Gooxi 1300W CRPS power module,

module			185x73.5x39mm; rated AC voltage 100V-240V, support 240V DC
Power module	3.03.153.0053	GC1600PMP	Gooxi 1600W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, support 240V DC
Power module	3.03.153.0054	GC2200 PMT	Gooxi 2200W CRPS power module, 185x73.x40mm; rated AC voltage 100V-240V, support 240V DC

(The final interpretation right belongs to Gooxi)