

INTELOQ

## High-End Intel Purley Servers/Storages for rigorous Surveillance & Analytics applications



### General Specs:

Platform: Intel Purley 2U8-Bay rack mountable Servers

CPU: Intel Xeon Bronze 3206R Single/DUAL processors, 8-Cores, 8-Threads

Riser card: PCIe3.0x24 /4.0x32

Power: 550W CRPS x2 or as per requirement adapting to the requirements

Rail: chassis slide rail kits x1

RAID card: 9361-8i 1G/2G/4G/8G RAID card Options available

Default NIC card: 1Gb/2ports/RJ45

RAM: Option

Extra NIC: Various Options available

OS: Option

GPU: Option

\* support 12Gb/s 4port 2.5" or 3.5" SAS/SATA HDD backplane w/cables

\* w/2x GbE and 1x IPMI Management LAN

\* supports 16x DDR4 RDIMM slots

**High-End Server:** The Intel Purley Server Platform includes Intel® PCH C621/ C621 A series and supports the 1 or 2 Gen2 generation Intel® Xeon® Scalable series processors to bring about servers that deliver new levels of breakthrough performance. Incorporates Intel® Xeon® Scalable ICE Lake processor 16 DDR4 slots, supports 2666/2933/3200MHz DDR4 memory / Supports upto 8 hot-swap SAS/SATA (HDD/SSD)

# Product Capabilities

Model	IQ-SB08	
Model series	IQ-SB08SR/IQ-SS08SR	IQ-SB08DR/IQ-SS08DR
Model type	2U, Bronze 8-Core 8-bays	
Dimensions	748x433.4x87.6mm (DxWxH)	
Processor	Xeon Bronze <b>3206R</b> /1.9GHz/8C Single CPU	Xeon Bronze <b>3206R</b> /1.9GHz/8C DUAL CPU
Memory	16x DDR4 memory slots, support DDR4 LRDIMM/RDIMM 2666/2933/3200MHz	
Internal storage interface	Two NVMe PCIe 3.0 x4 M.2 ports, two SATA 7PIN slots (supporting SATA DOM), and three MiniSAS HD ports	
External hard drive	Front port: 8x 3.5/2.5" SAS/SATA hot-swap hard drives Optional 4x 3.5" SAS/SATA or 4x 2.5" SAS/SATA/U.2 hard drives	
External port	Front port: 2x USB2.0 Rear: 1 VGA, 2 USB3.0, 1 management network port, 2 RJ45 network ports OCP slot: 1 OCP 3.0 (PCIe x 8)	
PCIe expansion form	Up to 2x PCIe full-height, single-width, half-length slots, 1x OCP 3.0 slot	
PCIe expansion specification	Riser1: 3xfull-height PCIe 3.0 x8 or 1xfull-height PCIe 3.0 x16, 1*full-height PCIe 3.0 x8 Riser2: 3xfull-height PCIe 3.0 x8 or 1xfull-height PCIe 3.0 x16, 1*full-height PCIe 3.0 x8 Riser3: 1xhalf-height PCIe 3.0 x8, 1xhalf-height PCIe 3.0 x8(in x16 Slot) or 1xhalf-height PCIe 3.0 x16 Riser4: 1xhalf-height PCIe 3.0 x8, 1xhalf-height PCIe 3.0 x8(in x16 Slot) or 1xhalf-height PCIe 3.0 x16 OCP: 1x OCP 3.0(PCIe 3.0 x8)	
Safety	TPM/TCM (optional) Chassis open intrusion detection; Locked upper cover of chassis	
Power supply	AC 220V 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power supply (adapted according to the actual power requirement)	
Fan	4~8x 8038 N+1 Redundant hot-swap fans	
IPMI	IPMI 2.0	
Management port	Onboard iBMC management module supports management features such as IPMI, SOL, KVM Over IP, and virtual media	
Operating temperature & humidity	Operating temperature: 5°C - 35°C (indoor) Storage temperature: -40°C - 70°C	
Storage temperature & humidity	Short-term storage (≤72H): temperature -40°C ~ 70°C/ humidity 20%~90%RH non-condensing (including packaging) Long-term storage (>72H): temperature 20°C ~ 28°C/ humidity 30%~70%RH non-condensing (including packaging)	

Product partcode	<b>IQ-SB08SR/IQ-SSB08SR</b>	2U Bronze 3206R 8-Core 08-Bay Single CPU Server/Storage
	<b>IQ-SB08DR/IQ-SSB08DR</b>	2U Bronze 3206R 8-Core 08-Bay DUAL CPU Server/Storage