

INTELOQ

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



## General Specs:

Platform: Intel Whitley 4U10-Bay rack mountable GPU server

CPU: Dual Gen3 Intel Xeon Platinum 8352V/2.1GHz/36C/72T/54MB/2933MHz/195W

Riser card: PCIe4.0x24 to 3x PCIe3.0x8

Power: Standard 4x 2000W redundant power supply modules. or as per requirement

Rail: chassis slide rail kits x1

RAID card: 9361-8i 2G/8ports/SAS 12Gb/PCIe 3.0 x8/2GB/support RAID 0,1,5,6,10,50,60,JBOD

Default NIC card: 1Gb/2ports/RJ45

NIC(optional): QLOGIC/HBA /16Gb/s PCIe 3.0x8/QLE2692-SR(with transceiver)

NIC(optional): NIC: 10Gb/Dual/SFP+/PCIe3.0/G82599 x2PCS+ 10G transceiver

RAM: Option

OS: Option

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

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

\* support 16x DDR4 RDIMM slots

**High-End GPU Server:** The Intel Whitley 4U10 GPU server Platform includes Intel® C621 A series dedicated processor chipset and supports Intel® Xeon® Scalable Series processors (Ice Lake) that deliver new levels of breakthrough performance. It also can support up to 10 double-width full-height GPU cards with switch interconnectivity. It is compatible with NVIDIA GeForce RTX 30 and 40 series as well as NVIDIA Tesla A800.

# Product Capabilities

Model series	<b>IQ-SG8352T</b>
Model type	Whitley 4U 10-bays (front 10Rear disk+ rear 4Rear disk, total 14x 2.5" hard disks)
Dimensions	790mm x 433 mm x 176.5mm (depth x width x height)
Processor	Supports 1/2 3rd Generation Intel® Xeon® Scalable series processors
Memory	16 DDR4 memory slots, support DDR4 2666/2933/3200 MHz LRDIMM/RDIMM memory
Internal storage interface	1 M.2 (PCIe 3.0 x 4) interface, 3 MiniSAS HD interface, 2 SATA DOM interface
External hard drive	10 hot-swappable 2.5-inch SAS/SATA hard drives in the front, 2 standard 2.5-inch SAS/SATA hard drives in the rear (U.2 module is optional), optional rear 2 x 2.5" SAS/SATA or U.2 hard drive
External port	Front: 2 USB 2.0, 1 power button, 1 reset button, 1 hard drive indicator light, 1 system fault light, 2 network indicators
	Rear: 1 VGA, 1 COM port, 2 USB 3.0, 1 management network port, 2 RJ45 network ports
PCIe expansion form	6x PCIe full-height slots, 4x PCIe half-height slots, 1x OCP 3.0 slot
PCIe expansion specification	Front: support 10 double-width full-length full-height PCIe 4.0 expansion slots. Rear: Support 4 half-height PCIe 3.0x8 (in PCIe 3.0 x16 slot) and 3 half-height PCIe 4.0x16; Optional 2 half-height PCIe 3.0x8 (in PCIe 3.0 x16 slot), 1 half-height PCIe 3.0x16, and 3 half-height PCIe 4.0 x 16;
Security	Supports TPM module
Power supply	AC 220V 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power supply (adapted according to the actual power requirement) This unit comes with standard 4x 2000W redundant power supply modules.
Fan	The center is equipped with standard 8x 8038 hot-swappable fans. The rear is equipped with standard 3x 8038 hot-swappable fans.
IPMI	IPMI 2.0
Management port	1 dedicated RJ45 management network port
Certification	CCC, CE, FCC, ROHS
Operating temperature & humidity	Temperature 5°C ~ 35°C/ Humidity 20%~80%RH non-condensing
Storage temperature & humidity	Short-term storage ( ≤72 H): temperature -40°C~70°C/humidity 20%~90%RH, non-condensing (including packaging) Long-term storage (>72 H ): temperature 20°C~28°C/humidity 30%~70%RH, non-condensing (including packaging)

Product partcode

**IQ-SG8352T**

DUAL CPU Xeon Platinum 8352V 36-Core GPU Server