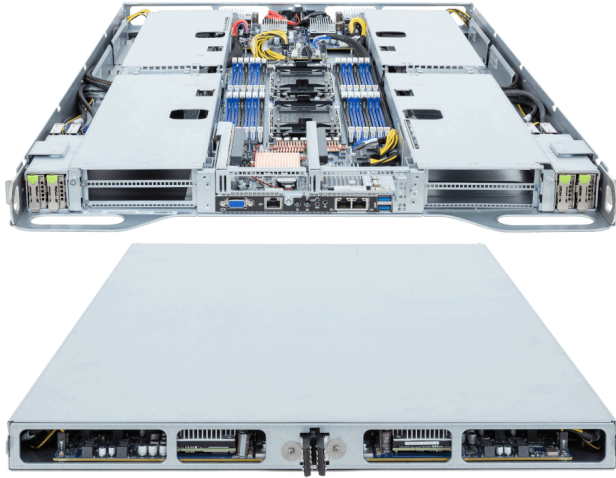
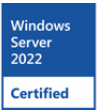


TO15-S40-IA01

ORV3 GPU Server - 5th/4th Gen Intel® Xeon® Scalable Processors -
10U, DP, 4 x PCIe Gen5 GPUs, Immersion



Key Features

- Immersion Cooling Server
- Supports up to 4 x dual-slot PCIe Gen5 GPUs
- Dual 5th/4th Gen Intel® Xeon® Scalable processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM per CPU with 24 x DIMMs
- 2 x 10 Gb/s LAN ports via Intel® X710-AT2
- 4 x 15 mm E1.S NVMe hot-swap bays
- 2 x M.2 slots with SATA **(optional)**
- 4 x FHFL PCIe x16 slots with Gen5 x16 lanes or
8 x FHFL PCIe x16 slots with Gen5 x8 lanes for GPUs
- 2 x LP PCIe x16 slots with Gen5 x16 lanes
- 48 V DC bus bar power solution

Specification

Dimensions	10U (W537 x H45 x D805.7 mm)	Storage	Top hot-swap: 4 x 15 mm E1.S NVMe Optional internal M.2 (COMTP61): 2 x M.2 (2280/22110), SATA
Open Rack Version	ORV3	PCIe Expansion Slots	4 x FHFL x16 (Gen5 x16) or 8 x FHFL x16 (Gen5 x8), for GPUs 2 x LP x16 (Gen5 x16)
Motherboard	MS43-G20	I/O Ports	Top: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN
CPU	5th Generation Intel® Xeon® Scalable processors 4th Generation Intel® Xeon® Scalable processors Intel® Xeon® CPU Max Series Dual processors, TDP up to 350 W	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
OS Compatibility	OS Support List	Packaging Content	1 x TO15-S40-IA01 2 x CPU heatsinks 4 x GPU power cables (16-pin, 550 mm) 6 x CPU carriers
Memory	8-Channel DDR5 RDIMM, 24 x DIMMs [5th Gen Intel Xeon] Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) [4th Gen Intel Xeon] Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC) [Intel Xeon Max Series] Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)	No. of Bus Bars	1 x 48 V Bus Bar
LAN	Top: 2 x 10 Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	Ordering Part Numbers	6NTO15S40DR000IB01*



Learn more at: <https://www.gigabyte.com/Enterprise>

* All specifications are subject to change without notice. Please visit our website for the latest information.

* All trademarks and logos are the properties of their respective holders.

© 2026 Giga Computing Technology Co., Ltd. All rights reserved.

Last updated: Sep 30, 2026

Designed by

