

# XV24-AX0-IAJ1

NVIDIA MGX™ Server - Intel® Xeon® 6 - 2U DP 4 x PCIe Gen5 GPUs Immersion



### Key Features

- Immersion Cooling Server
- Supports up to 4 x Dual slot Gen5 GPUs
- NVIDIA MGX™ modular server design
- Dual Intel® Xeon® 6900-Series Processors
- 12-Channel DDR5 RDIMM / MRDIMM, 24 x DIMMs
- 2 x 10Gb/s LAN ports via Intel® X550-AT2
- 6 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 2 x M.2 slots with PCIe Gen5 x2 interface
- 4 x FHFL PCIe Gen5 x16 slots for GPUs
- 3 x FHFL PCIe Gen5 x16 slots
- 2+2 2000W 80 PLUS Titanium redundant power supplies

### Applications

AI Platform, AI Training Server, AI Inference Server, Visual Computing, High-Performance Computing Server...

### Specification

|                  |                                                                                                                                                                                             |                       |                                                                                                                                                                      |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions       | 2U (W438 x H87 x D900 mm)                                                                                                                                                                   | RAID                  | Onboard VROC key header                                                                                                                                              |
| Motherboard      | MAX4-MG0                                                                                                                                                                                    | PCIe Expansion Slots  | 4 x FHFL PCIe Gen5 x16, for GPUs<br>3 x FHFL PCIe Gen5 x16                                                                                                           |
| CPU              | Intel® Xeon® 6 Processors<br>- Intel® Xeon® 6900-Series Processors<br>Dual processor, TDP up to 500W                                                                                        | I/O Ports             | Top:<br>2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN                                                                                                            |
| OS Compatibility | <a href="#">OS Support List</a>                                                                                                                                                             | TPM                   | 1 x TPM header (SPI), Optional TPM2.0 kit: CTM012<br>1 x PProT connector (only enabled on RoT SKU)                                                                   |
| Socket           | 2 x LGA 7529 (Socket BR)                                                                                                                                                                    | Power Supply          | 2+2 2000W 80 PLUS Titanium redundant power supplies<br>AC Input: 100-240V                                                                                            |
| Chipset          | System on Chip                                                                                                                                                                              | Operating Properties  | Operating coolant temperature: 20°C to 35°C<br>Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)                                                             |
| Memory           | 12-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs<br>[RDIMM] Up to 6400 MT/s<br>[MRDIMM] Up to 8800 MT/s [1]<br><br>[1] MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores. | Packaging Content     | 1 x XV24-AX0-IAJ1<br>2 x CPU heatsinks<br>1 x Mini-DP to D-Sub cable<br>2 x GPU power cables (16-pin, 620mm)<br>2 x GPU power cables (16-pin, 750mm)<br>2 x Carriers |
| LAN              | 2 x 10Gb/s LAN (1 x Intel® X550-AT2), Support NCSI<br>1 x 10/100/1000 Mbps Management LAN                                                                                                   | Ordering Part Numbers | 6NXV24AX0DR000IAJ1*                                                                                                                                                  |
| Video            | Integrated in ASPEED® AST2600<br>- 1 x Mini-DP                                                                                                                                              | Optional Parts        | - Chassis intrusion switch: 25HA1-R28390-U1R                                                                                                                         |
| Storage          | Bottom hot-swap:<br>6 x 2.5" Gen5 NVMe/SATA/SAS-4 [1]<br>Internal M.2:<br>2 x M.2 (2280/22110), PCIe Gen5 x2<br><br>[1] Storage card is required to support SATA and SAS drives.            |                       |                                                                                                                                                                      |



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: Feb 3, 2026