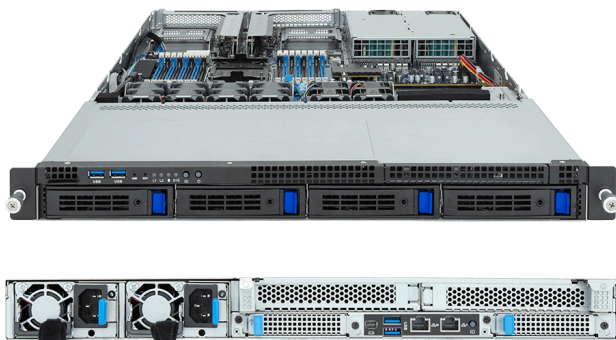
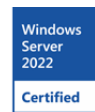


# R163-S30-AAG2

Rack Server - 5th/4th Gen Intel® Xeon® Scalable - 1U UP 4-Bay SATA/SAS Titanium



## Key Features

- Single 5th/4th Gen Intel® Xeon® Scalable Processors
- Single Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 16 x DIMMs
- 1 x 1 Gb/s LAN port via Intel® I210-AT
- 4 x 3.5"/2.5" SATA/SAS hot-swap bays
- 1 x M.2 PCIe Gen3 x4
- 2 x FHHL PCIe Gen5 x16
- 2 x OCP NIC 3.0 PCIe Gen5 x16
- 1+1 800 W 80 PLUS Titanium redundant power supplies

## Applications

Networks Server, Servers for Hybrid/Private Cloud...

## Specification

<b>Dimensions</b>	1U (W438 x H43.5 x D710 mm)	<b>PCIe Expansion Slots</b>	2 x FHHL PCIe Gen5 x16 2 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
<b>Motherboard</b>	MS33-DC0	<b>I/O Ports</b>	<b>Front:</b> 2 x USB 3.2 Gen1 <b>Rear:</b> 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN
<b>CPU</b>	5th Generation Intel® Xeon® Scalable Processors 4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series Single processor, TDP up to 350 W	<b>Backplane Board</b>	PCIe Gen4 x4 or SATA 6 Gb/s or SAS 12 Gb/s
<b>OS Compatibility</b>	<a href="#">OS Support List</a>	<b>TPM</b>	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
<b>Socket</b>	1 x LGA 4677 (Socket E)	<b>Power Supply</b>	1+1 800 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V
<b>Chipset</b>	Intel® C741	<b>System Management</b>	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
<b>Memory</b>	8-Channel DDR5 RDIMM, 16 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)	<b>System Fans</b>	2 x 40x40x28mm 4 x 40x40x56mm
<b>LAN</b>	1 x 1 Gb/s LAN (1 x Intel® I210-AT), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	<b>Operating Properties</b>	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
<b>Video</b>	Integrated in ASPEED® AST2600 - 1 x Mini-DP	<b>Packaging Content</b>	1 x R163-S30-AAG2 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 3 x Carriers 1 x 2-Section Rail kit
<b>Storage</b>	<b>Front hot-swap:</b> 4 x 3.5"/2.5" SATA/SAS <sup>[1]</sup> <b>Internal M.2:</b> 1 x M.2 (2280/22110), PCIe Gen3 x4  <sup>[1]</sup> SAS card is required to support SAS drives.	<b>Ordering Part Numbers</b>	6NR163S30DR000ABG2*
<b>RAID</b>	Intel® SATA RAID 0/1/10/5 Onboard VROC key header  Support <b>optional</b> RAID add-in cards	<b>Optional Parts</b>	- 3-Section Rail kit (Supports CMA): 25HB2-A56120-K0R - Cable Management Arm: 25HBZ-R18100-K0R



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

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