

# ServMax® A-22-IG-16

## 2U DP 16 x Gen4 GPU Immersion Server (Broadcom solution)



### Features

- Single-Phase Immersion Ready Server
- Supports up to 16 x Single slot GPU cards
- AMD EPYC™ 7003 series processors
- Dual processor, 7nm technology
- 8-Channel RDIMM/LRDIMM DDR4 per processor, total 16 x DIMMs
- 2 x 10Gb/s BASE-T LAN ports (Intel® X550-AT2 controller)

### ServMax® A-22-IG System Specifications

Processor Support	<ul style="list-style-type: none"> <li>• AMD EPYC™ 7003 series processors</li> <li>• Dual processor</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• 16 x DIMM slots</li> <li>• 8-Channel memory architecture per processor</li> <li>• DDR4 memory supported only</li> </ul>
GPU	<ul style="list-style-type: none"> <li>• Configuration 1 -16x single-slot GPU</li> <li>• Configuration 2 -8x double-slot GP</li> </ul>
Expansion Slots	<ul style="list-style-type: none"> <li>• 16 x PCIe x16 (Gen4 x16) FHFL slots, from PEX88096, for single slot GPUs (Broadcom solution)</li> <li>• 1 x PCIe x16 (Gen4 x16) low-profile slot, from CPU_0</li> <li>• 1 x PCIe x16 (Gen4 x16) low-profile slot, from CPU_1</li> </ul>
Chipset	<ul style="list-style-type: none"> <li>• System on Chip</li> </ul>
LAN	<ul style="list-style-type: none"> <li>• 2 x 10Gb/s BASE-T LAN ports (Intel® X550-AT2 controller)</li> <li>• 1 x 10/100/1000 management LAN</li> </ul>
Rear I/O	<ul style="list-style-type: none"> <li>• 2 x USB 3.2 Gen1</li> <li>• 1 x VGA</li> <li>• 2 x RJ45</li> <li>• 1 x MLAN</li> <li>• 1 x Power button with LED</li> <li>• 1 x ID button with LED</li> <li>• 1 x Reset button</li> <li>• 1 x NMI button</li> <li>• 1 x System status LED</li> </ul>
TMP	<ul style="list-style-type: none"> <li>• 1 x TPM header with SPI interface</li> <li>• Optional TPM2.0 kit: CTM010</li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>• AC Input: <ul style="list-style-type: none"> <li>- 100-127V~/ 15.5A, 50-60Hz</li> <li>- 200-240V~/ 15.5A, 50-60Hz</li> </ul> </li> <li>• DC Input: <ul style="list-style-type: none"> <li>- 240Vdc/ 15.5A</li> </ul> </li> <li>• DC Output: <ul style="list-style-type: none"> <li>- Max 1000W/ 100-127V~</li> <li>+ 12.2V/ 81A</li> <li>+ 12Vsb/ 3A</li> <li>- Max 2200W/ 200-240V~</li> <li>+ 12.2V/ 180A</li> <li>+ 12Vsb/ 3A- Citrix Hypervisor 8.2.0 or later</li> </ul> </li> </ul>

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System Management	<ul style="list-style-type: none"> <li>• Aspeed® AST2500 management controller</li> <li>• GIGABYTE Management Console (AMI MegaRAC SP-X) web interface</li> </ul>
OS Compatibility	<ul style="list-style-type: none"> <li>- Windows Server 2016 (X2APIC/256T not supported)</li> <li>- Windows Server 2019</li> <li>- Windows Server 2022</li> <li>- Red Hat Enterprise Linux 8.3 (x64) or later</li> <li>- Red Hat Enterprise Linux 9.0 (x64) or later</li> <li>- SUSE Linux Enterprise Server 12 SP5 (x64) or later</li> <li>- SUSE Linux Enterprise Server 15 SP2 (x64) or later</li> <li>- Ubuntu 18.04.5 LTS (x64) or later</li> <li>- Ubuntu 20.04 LTS (x64) or later</li> <li>- Ubuntu 22.04 LTS (x64) or later</li> <li>- VMware ESXi 6.7 Update3 P03 or later</li> <li>- VMware ESXi 7.0 Update1 or later</li> <li>- VMware ESXi 8.0 or later</li> <li>- Citrix Hypervisor 8.2.0 or later</li> </ul>
System Fans	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Operating Properties	<ul style="list-style-type: none"> <li>• Non-operating temperature: -40°C to 60°C</li> <li>• Non-operating humidity: 20%-95% (non-condensing)</li> </ul>
Chassis Dimension	<ul style="list-style-type: none"> <li>• 448 x 87.5 x 800 (W x H x D, mm)</li> </ul>

