

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-16 System Specifications

Processor Support	<ul style="list-style-type: none"> • AMD EPYC™ 7003 series processors
Memory	<ul style="list-style-type: none"> • 16 x DIMM slots • 8-Channel memory architecture per processor
CPU	<ul style="list-style-type: none"> • AMD EPYC™ 7003 series processors • Dual processor, 7nm technology • Up to 64-core, 128 threads per processor
Expansion Slots	<ul style="list-style-type: none"> • 16 x PCIe x16 (Gen4 x16) FHFL slots, from PEX88096, for single slot GPUs (Broadcom solution) • 1 x PCIe x16 (Gen4 x16) low-profile slot, from CPU_0 • 1 x PCIe x16 (Gen4 x16) low-profile slot, from CPU_1
Chipset	<ul style="list-style-type: none"> • System on Chip
LAN	<ul style="list-style-type: none"> • 2 x 10Gb/s BASE-T LAN ports (Intel® X550-AT2 controller) • 1 x 10/100/1000 management LAN
Internal I/O	<ul style="list-style-type: none"> • 1 x TPM header
Rear I/O	<ul style="list-style-type: none"> • 2 x USB 3.2 Gen1 • 1 x VGA • 2 x RJ45 • 1 x MLAN • 1 x Power button with LED • 1 x ID button with LED • 1 x Reset button • 1 x NMI button • 1 x System status LED
TMP	<ul style="list-style-type: none"> • 11 x TPM header with SPI interface • Optional TPM2.0 kit: CTM010

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Power Supply	<ul style="list-style-type: none"> • AC Input: <ul style="list-style-type: none"> - 100-127V~/ 15.5A, 50-60Hz - 200-240V~/ 15.5A, 50-60Hz • DC Input: <ul style="list-style-type: none"> - 240Vdc/ 15.5A • DC Output: <ul style="list-style-type: none"> - Max 1000W/ 100-127V~ + 12.2V/ 81A + 12Vsb/ 3A - Max 2200W/ 200-240V~ + 12.2V/ 180A + 12Vsb/ 3A
System Management	<ul style="list-style-type: none"> • Aspeed® AST2500 management controller • GIGABYTE Management Console (AMI MegaRAC SP-X) web interface
OS Compatibility	<ul style="list-style-type: none"> • Windows Server 2016 (X2APIC/256T not supported) • Windows Server 2019 • Windows Server 2022 • Red Hat Enterprise Linux 8.3 (x64) or later • Red Hat Enterprise Linux 9.0 (x64) or later • SUSE Linux Enterprise Server 12 SP5 (x64) or later • SUSE Linux Enterprise Server 15 SP2 (x64) or later • Ubuntu 18.04.5 LTS (x64) or later • Ubuntu 20.04 LTS (x64) or later • Ubuntu 22.04 LTS (x64) or later • VMware ESXi 6.7 Update3 P03 or later • VMware ESXi 7.0 Update1 or later • VMware ESXi 8.0 or later • Citrix Hypervisor 8.2.0 or later
System Fans	<ul style="list-style-type: none"> • N/A
Operating Properties	<ul style="list-style-type: none"> • Non-operating temperature: -40°C to 60°C • Non-operating humidity: 20%-95% (non-condensing)
Chassis Dimension	<ul style="list-style-type: none"> • 448 x 87.5 x 800

