



MIL-STD-810G CERTIFIED



**TRENTON
SYSTEMS**
Rugged Computers

MBS1002
Blade Server
Chassis

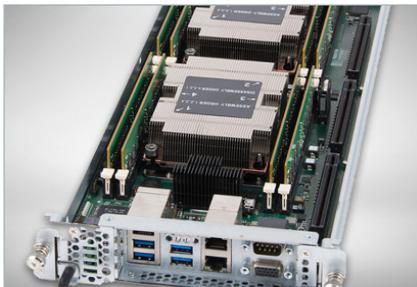
1U - 19" DEPTH - 2 FULL-HEIGHT, 3/4-LENGTH PCIE SLOTS

3.5" bay in the front for two hot-swap 2.5" hard drives with two USB 3.0 ports.

SWaP Optimized High-Performance Computing

You do not need to compromise rack height or depth to get two full-height, 3/4-length PCIe slots in a 1U. Powered by a 1200W power supply and as low as 18 pounds for the complete system, the MBS1002 is the perfect combination of Size, Weight, and Power for applications that need 2 PCIe slots.

PRODUCT DETAILS



Xeon® or Core™ series CPUs

Enhance system performance with single Core™ or dual Intel® Xeon® Processors.



Reduced MTTR

Replace modular blades and power supply in seconds. Customizable and flexible architecture for lower TCO.



1200W removable PSU

Fully removable processor board, slots, hard drives and power supply.



www.trentonsystems.com

Visit our website for more info.

Phone: (770) 287-3100

Email: sales@trentonsystems.com

TECH SPECS

Model Number

MBS1002

Form Factor

1U rack mount chassis with one processor board and up to two PCIe slots

Processor(s)

Single or Dual Intel® Xeon® SP or Core™ Series CPUs

PCIe Slots

Single CPU Processor Board: 1 - x16 Gen3; 1 - x4 Gen2
Dual CPU Processor Board: 2 - x16 Gen3

Drive Bays

Up to two front-access/hot-swap SATA 6 Gb/s drives
Up to two internal SATA 6 Gb/s drives and four optional M.2 drives

Power Supply

1200W removable 1U power supply

System Cooling

Fans: 6 x 40x56mm counter-rotating PWM fans

Front Panel

Buttons

Power On/Off button

LEDs

Power status LED
System Fault LED
Drive activity LEDs

Environmentals

Temperature

Operating: -10°C to 50°C
Non-Operating: -40°C to 70°C

Humidity

Non-Operating: 5% to 90% (non-condensing)

Dimensions (W x H x D)

19.0" x 1.75" x 19.0"
48.26cm x 4.45cm x 48.3cm

