5 year WARRANTY

TRENTON SYSTEMS
Rugged Computers

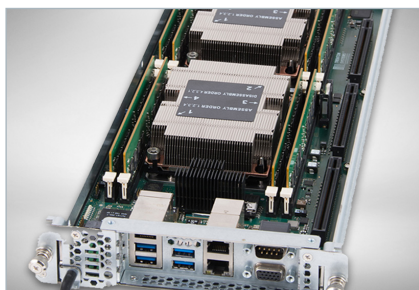## MBS2001
Modular Blade Chassis

2U - 25.75" DEPTH - UP TO 4 INDEPENDENT SBCs

Each processor blade is independent; system power 1200W redundant

SWaP Optimized with front accessible drives

The right combination of compute density and hard drive options. Four separate processor boards in a 2U rackmount system. Each processor board has a 3.5" drive bay which can be populated with two 2.5" hard drives (8 drives total).

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 supples in seconds. Customizable & flexible architecture for lower TCO.

1200W Redundant PSU

Redundant wattage in a low-profile power supply that easily supports all processor boards.

TECH SPECS

Model Number
MBS2001

I/O

Front:
Each modular blade supports
    • 2 - USB 3.0 ports
    • 1 - Power On/Off switch
    • 1 - Status LED
    • 2 - 10/100/1000 Ethernet Ports

Modular Blade Types
Four independent modular blade slots, each supporting a variety of processor board options. 1U and 2U tall enclosure types are supported with a variety of I/O and interconnect options. (Contact Trenton Systems for more configuration details.)

HDD/SDD Front Access Data Storage
4 – Front removable and hot swap 3.5" drive bays support up to eight 2.5" HDD/SSDs. There are two (2) front access HDD/SDDs supported per modular blade card and up to 8 maximum for the MBS2001 system.

MBS2001 Front-Access Ethernet
An eight-port Ethernet switch is installed in the front of the MBS2001 that provides 10/100/1000 Ethenet connectivity between blades. Two front-access 10/100/1000 ports are located in the front of the chassis and may be used for all general purpose ethernet functions.

Chassis Standard
EIA RS-310C 19" Rackmount Standard

Power Supply
1200W rear mounted, redundant - MTTR-Optimized Power Supply

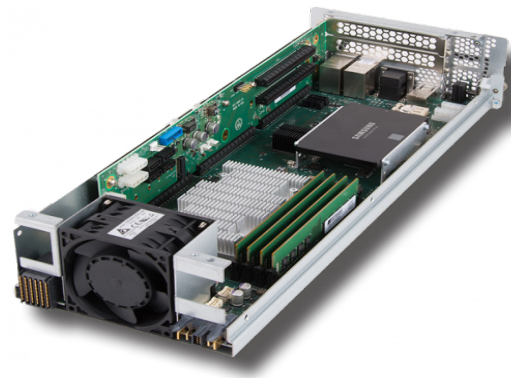| Construction |
| --- |
| Cold-rolled Steel with a black front surface and easy slide-in/slide-out 1U and 2U modular blade card assemblies and redundant power supply modules. |

Dimensions
19.0" (W) 3.5" (H) x 25.75" (D) 48.26cm (W) 8.9cm (H) x 66.0cm (D)