

SlashTwo®



Profile

- Dual node for HPC clusters
- Doubled high performance
- Up to 80 processors per rack
- Standard components can be used
- Variable cooling concepts

Specification



Doubled High Performance

SlashTwo® is a server module frame developed by MEGWARE and especially designed for being used in clusters. Compared to usual server module frames, the housing accommodates two complete multiprocessor systems. An increased packaging density and a flow-optimized arrangement of components results in improved computing capacities in narrow space and guaranteed high levels of system component safety.

With maximum extension, one rack can house up to 20 SlashTwo® module frames holding up to 80 processors running under full load and with the highest possible availability.

Available are two housing versions in 2 HU and 3 HU design. A 2 HU plug-in system can be used to install one harddisk per node and expansion cards in the Low Profile format. The 3 HU plug-in system provides space for two harddisks per node and for expansion cards of full mounting height allowing for comprehensive PCI options for special applications.

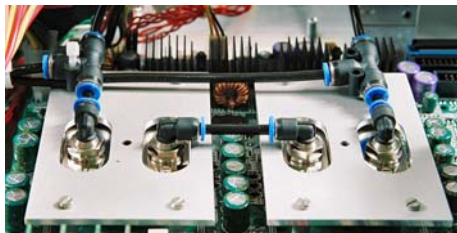
Clusters for High Performance Computing (HPC) require networks with low latency times and large bandwidths. SlashTwo® systems can be very easily configured with adapter cards for High Speed Interconnect, such as Gigabit Ethernet, InfiniBand and Myrinet.

The Right Climate

An essential element of high system integration is an optimal cooling of the individual components and the air conditioning of the entire cabinet system.

The right climate for SlashTwo® systems is achieved with our range of variable cooling concepts :

- Air cooling
- Water cooling inside the cabinet
- Liquid cooling of individual components



Complete Solution

An optimal cabinet system for SlashTwo® module frames is ClustRack® from MEGWARE. It can be configured variably – even with the use of the usual 19“ technology – has a precisely defined air conduction in the interior, and is characterized by excellent workmanship.

SlashTwo® has been optimized in terms of space requirement, expandability, and thermal stability. With this system, all users facing the above criteria make a secure investment in the future.

Recommended Areas of Application :

- HPC clusters
- Computer and/or server farms
- Remote-controlled computers
- Computing centres

Measures and Weight :

2U Module Frame

- 670 mm x 88 mm x 550 mm (widthxheightxdepth)
- Up to 19 kgs (equipped)

3U Module Frame

- 670 mm x 132 mm x 550 mm (widthxheightxdepth)
- Up to 21 kgs (equipped)



We would be pleased to submit you a detailed equipment and price offer.

www.megware.com



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