



Newsletter

Latest MENnews
for
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Versatile VMEbus: From Low-Power to Multicore

High-Performance Multicore SBC with Intel Xeon D



The A25 VMEbus CPU card for high-performance multicore applications comes with Intel's Xeon D-1500 server CPU and an open VMEbus-interface implemented as FPGA, making it future-proof and cost-efficient with comprehensive functionality. In addition, the A25 can be equipped with one XMC and PMC mezzanine card and one PCI Express Mini Card, providing additional front I/O for functions such as graphics, mass storage, or further Ethernet.

> [A25 Data Sheet](#)

> [Watch the Short-Webinar](#)

Flexible Low-Power VMEbus SBC based on ARM Cortex

The new VMEbus SBC A23C is equipped with the Sitara ARM Cortex processor and offers high computing power at comparable low power consumption. The two XMC/PMX slots offers versatile I/O functions. In addition application partitioning and integrated M4, GPU and DSP coprocessors are provided.



> [A23C Data Sheet](#)

The Perfect Add-On: Flexible I/O with M-Modules

M-Modules – an ANSI-VITA standard since 1997 – are ideally suited for the connection of binary and analog process I/O, robotics, motion and measurement functions and complement each application in a tailor-made and modular manner.

Up to four can fit on one 6U carrier board and they are large enough to make the electronics EMC/ESD-resistant and galvanically isolate the channels. For use in harsh environments, they can operate in an extended temperature range from -40 to +85°C.



> [Read the Whitepaper about flexible I/Os at MEN](#)

> [Discover all VMEbus boards from MEN](#)

> [Application Example: Nuclear Reactor Control](#)

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