MEN Micro

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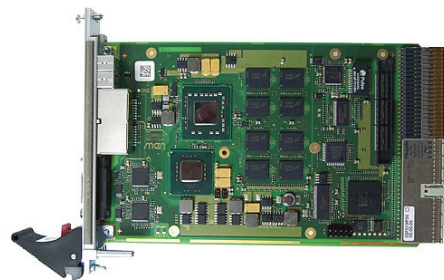
215-542-9575

www.menmicro.com/products/02F019P.html

F19P – 3U CompactPCI® PlusIO Intel® Core™2 Duo SBC

MEN Micro's new F19P 3U Intel Core 2 Duo Single Board Computer (SBC) was developed on the basis of PICMG 2.30 CompactPCI PlusIO. The versatile 4HP/3U SBC is the first migration platform to the new CompactPCI® Plus standard.

It is equipped with the Intel® high-performance Core 2 Duo processor SP9300 running at 2.26 GHz and offering the latest multi-core processor architecture from Intel® with full 64-bit support. The board delivers excellent graphics performance and is designed especially for embedded systems that require high computing performance with low power consumption. The F19P offers a 32-bit/33-MHz CompactPCI® bus interface and can also be used without a bus system.

The F19P 3U SBC is compliant with the new PICMG 2.30 CompactPCI® PlusIO standard (in preparation).

FEATURES

› Intel® Core™2 Duo SP9300, 2.26 GHz
› Dual-core 64-bit processor
› 4HP system master or stand-alone
› 32-bit CompactPCI® and PICMG 2.30 PlusIO
› Up to 4 (8) GB DDR3 DRAM soldered
› CompactFlash® and microSD card slots
› Standard front I/O: VGA, 2 Gigabit Ethernet, 2 USB
› Standard rear I/O: 4 PCIe®, 4 USB, 4 SATA, 1 Gigabit Ethernet
› Other I/O (onboard, side card): SATA, SDVO, HD audio, USB, UART
› Board controller