

3U CompactPCI Serial SBC with Intel Core i7



Germany, 4th February – The G20 from Men Mikro, based on the extremely fast Intel Core i7 processor, reaches a base frequency of 2.53 GHz. In addition, the processor supports the Intel Turbo Boost technology, which enables a maximum turbo frequency of 3.2 GHz dependent on the workload. The board is highly suited for applications requiring high computing power, for example in transportation, industrial automation or power generation. The G20 offers a total of 8 PCI Express lines for fast communication. In addition, the board has excellent graphics performance which can be accessed via two DisplayPorts at the front of the G20. These are well suited for infotainment applications and can also be used as HDMI or DVI ports using external adapters. Two PCIe-driven Gigabit Ethernet and two USB 2.0 interfaces are also available at the board front.

Thanks to the new CompactPCI Serial standard, the board offers a multitude of serial interfaces via rear I/O. 8 USB, 6 SATA, a Display or HDMI port (instead of one port at the front), 5 PCI Express x1, a PEG x8 and a PEG x4 port are provided for the user's applications.

The G20 is equipped with a new fast 8 GB DDR3 ECC SDRAM which is soldered against shock and vibration. A CompactFlash and a microSD card slot connected via one USB interface can be used for extending the memory capacity.

www.men.de [1]

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