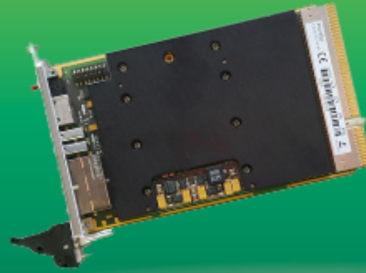


miriac® CPC8548 (EOL)

Low power dissipation and high performance SBC

- 3U cPCI CPU Carrier Board
- MPC8548 with e500 Power PC Core
- Double-precision floating point APU
- Extended Temperature Range (option)



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Due to its low power dissipation and high performance the CPC8548 is a good alternative to x86-based products. The cPCI miriac® SBC has an auto slot 1 detection and supports hot swapping. The frontside offers two Gigabit Ethernet ports and a RS232 port. Internally there is a CompactFlash slot available.



Features

CPU

Processor	MPC8548 with e500 Power PC Core 512 kB L2Cache Double-precision floating point APU 3065 MIPS@1333 MHz (estimated Dhrystone 2.1)
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DRAM	up to 1 GB DDR II SDRAM (with ECC)
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Memory

Flash	up to 32 MB Flash
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Operating Condition

Power Supply Voltage	Single 3,3 V
Temperature	Standard Temperature Range 0 °C to 70 °C Extended Temperature Range (option)

Mechanical

Formfactor	3U cPCI CPU Carrier Board
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Software / Additional

Software Support	VxWorks, Linux, OS-9
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Our standard product versions offer what we consider to be the optimum configuration in terms of performance, price, usage and TDP. The product features lists specify the maximum range of functions per interface. However, not all interfaces or functions are always available in parallel. Flexible SERDES multiplexing is one of the reasons for this. In addition, we provide multiple memory expansion options and are also happy to accommodate specific customer wishes. So do not hesitate to contact us directly to discuss your desired configuration.