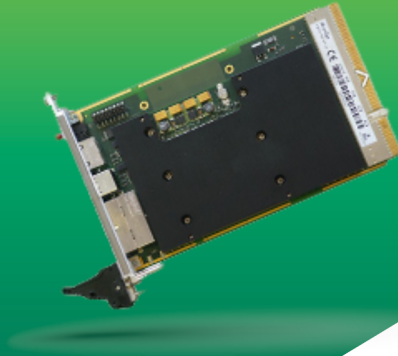


miriac® CPC8349 (EOL)

Low power dissipation and high performance SBC

- 3U cPCI CPU Carrier Board
- MPC8349E based on e300 Power PC Core
- 1260 MIPS (at 667 MHz) integrated DDR Memory Controller
- Auto Slot 1 Detection
- VxWorks, Linux, OS-9

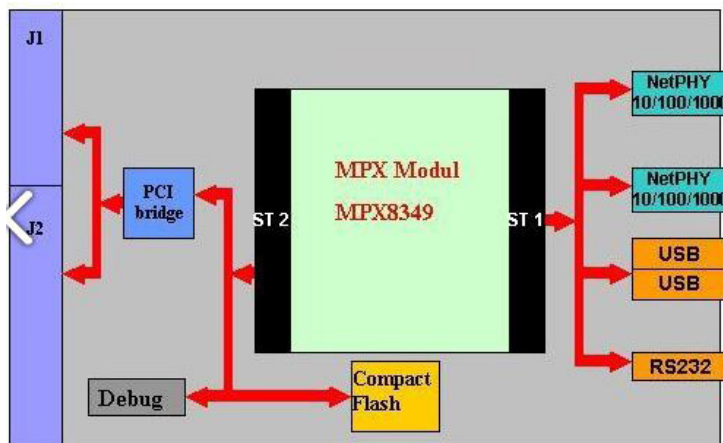


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The cPCI miriac® SBC has an auto slot 1 detection and supports hot swapping. The frontside offers two Gigabit Ethernet ports, two USB 2.0 ports and a RS232 port. Internally there is a CompactFlash slot available.



Block Diagrams



CPU

Processor	MPC8349E based on e300 Power PC Core 1260 MIPS (at 667 MHz) integrated DDR Memory Controller
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DRAM	up to 256 MB DDR SDRAM (ECC supported)
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Memory

Flash	up to 32 MB Flash
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High Speed IO

SerDes lanes	64/32-bit PCI
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USB 2.0	2x USB 2.0 Schnittstellen (Front)
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Operating Condition

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

Formfactor	3U cPCI CPU Carrier Board
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Software / Additional

Software Support	VxWorks, Linux, OS-9
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Additional	Auto Slot 1 Detection 64/32-bit PCI Hot Swap supported
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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.