Technical Data PC/104+ Single Board Computer CP/465

Basic

CPU	Intel 32-bit IXP465 ARM MCU
Speed	533 MHz (667 MHz on request)
RAM	256 MByte 32-bit SDRAM (DDR1-266)
Flash	32 MByte NOR-type for O/S boot image
Ethernet	2 x 10/100 Mbps Ethernet with Auto-MDIX support

I/O Functions

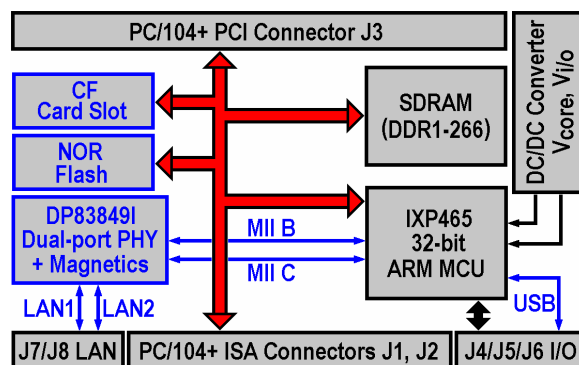|	
Serial I/Os	2 x high-speed UART (up to 921 Kbps)
Special Serial I/Os	1 x USB 2.0 host interface
	1 x USB 1.1 device interface
	1 x SPI with 1 chip select output
	1 x I2C
Bus Interface	PC/104+ with ISA & PCI for external expansion

Special Functions

RTC	1 x Real Time Clock with external battery backup
Watchdogs	1 x timer watchdog, 1 x power supervisor
SSD Interface	1 x CompactFlash (CF) card slot
IEEE 1588	Hardware Support for IEEE 1588 PTP
LAN	PHY with port switching and monitoring support
Pre-installed O/S	Linux with web-based configuration interface

Other

Mechanical	PC/104+ form factor
Size	115,6mm x 96mm incl. connector area
Power	5 VDC
Current	670 mA typical

Block diagram

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