



MPCV200

The fanless, energy-efficient, expandable Atom industrial computer

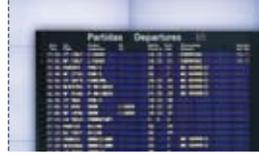
The MPCV200 has all the standard interfaces (COMs, USB, LAN, VGA) and is internally expandable with two PCI/104 cards. The system typically only requires 12 Watts with the Atom processor. An exchangeable SATA hard drive on the front is available for mass storage. For additional functional expansion, Dsub interfaces X1, X2 and X3 are already prepared on the front plate. The housing is of rugged sheet steel with an integrated passive, maintenance-free cooling design. Customer specific functions such as Ring On Wake, Event Wake Up or Wake On LAN can be realized using FPGA and a microcontroller.

Applications

- _ Software PLC, control computer
- _ Measurement technology, data capture
- _ External 110/220VAC power pack

Ordering information

Item	No.	Description
Upgrade MPCV200 SSD 32GB	815056	SATA2 SLC 2.5"-SSD Intel, for -25°C to +60°C
Option MPCV WLAN PClex	815082	Intel 4965-AGN MiniCard incl. Antenna & assembly
MPCV AC-Supply 90W	815070	ACin:110-240V,90W Uout:19V,5Amp. without: powercord (693061/62/63)
Powercord Euro	693061	2 wire for AC-Supply
Powercord USA/JP	693062	2 wire for AC-Supply
Powercord GB	693063	2 wire for AC-Supply



Technical data

Type	MPCV200
CPU	Intel® Atom™, 1.6GHz
Chipset	Intel® US15W
Memory	512MB (max. 1GB)
Hard drive SATA	320GB, 2.5"
Optical drive	-
Video controller	Intel® US15W
Video memory	64MB
3D-Support	DirectX 9
Video interface 1	QXGA
Video interface 2	-
Video interface 3	LVDS, 18Bit
Resolution	1600 x 1200 (@ 60Hz)
Keyboard, mouse	USB
Serial interface COM1 (Ringwake)	RS232C/RS422/85
Serial interface COM2	RS232C/RS422/85
Serial interface COM3	-
Serial interface COM4	-
Parallel interface	-
USB V2.0	4x
Firewire IEEE1394	-
TV input/Frame grabber	-
LAN Port A (with LAN boot), Wake on LAN	1GB (RJ45)
LAN Port B	1GB (RJ45)
LAN Port C	-
Audio controller	-
Line output	-
Line input/mic. input	-
SPDif output	-
Option 1	WLAN PCIe-Mini Card
Option 2	-
Option 3	-
Option 4	-
Digital input/output	24 programmable I/O
Remote power on/off	-
Voltage input/power, N1248	10V-55V DC / typ. 12Watt
Plug-in power supply	110/220V AC
Expansion	PCIe-Mini Card, PCI/104ex (max. 2 2 cards)
Power save function	Suspend/Resume, SoftOff, Instant On
Conformity	CE, FCC
Protection class	IP40
Size (W x L x H in mm)	292 x 146 x 83
Weight	3 kg
Housing	Metal
Colour	grey/red
Noise level	<20dB(A)
Operating temperature (with HD)	+5°C to +50°C
Extended operating temperature	with SSD: -25°C to +60°C
Vibration/shock incl. HD/CD/DVD	1/10G
MTBF (25°C)	60'000h
For operating systems	WIN2000, WIN XP, LINUX
Part no.	815300

Manufacturer:

DIGITAL-LOGIC
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