



MPCV200M

The fanless, EN60601 certified, energy efficient medical computer (Atom based)

The MPCV200M includes all standard interfaces (COMs, USB, LAN, VGA) and is internally expandable with two PC/104express cards. A SATA300 hard drive is built-in for mass storage. The system is protected against too high patient discharge currents and has a medical technological grounding connection. The rugged, closed and easy-care chromium steel housing uses an integrated, passive, maintenance-free cooling design. The omission of a fan prevents any contaminants from infiltrating the computer.

Applications

- _ Approved computer for doctors offices and hospitals
- _ For communication with systems coming into contact with patients
- _ Patient entertainment, patient information
- _ External 110/220VAC power pack
- _ EN60601 certified, USB and COM interfaces are galvanically separated

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
MPCV200M Medical Supply	815313	Vin=110/220VAC, Vout=19V Power Supply 90W EN60601
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

Atom™

1.6GHz

Medical
technics

PCI/104ex

<15Watt

EN60601



Technical data

Type	MPCV200M
CPU	Intel® Atom™, 1.6GHz
Chipset	Intel® US15W
Memory	1 GByte
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 60TBD US15W
Keyboard, mouse	USB
Serial interface COM1	RS232C/RS422/85 optoisolated
Serial interface COM2	RS232C/RS422/85 optoisolated
Serial interface COM3	-
Serial interface COM4	-
Parallel interface	-
USB V2.0	4x isolated
Firewire IEEE1394	-
TV input/Frame grabber	-
LAN Port A (with LAN boot)	1GB (RJ45) isolated
LAN Port B	1GB (RJ45) isolated
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. 12W
Plug-in power supply	110/220V AC EN60601
Expansion	PCIe-Mini Card, PCI/104ex (max. 2 2 cards)
Power save function	Suspend/Resume, SoftOff, Instant On
Conformity	CE, FCC, EN60601
Protection class	IP52, medical earthcontact
Size (W x L x H in mm)	292 x 146 x 83
Weight	3 kg
Housing	V4A-Chromium steel
Colour	white/silver
Noise level	<20dB(A)
Operating temperature (with HD)	+5°C to +40°C
Extended operating temperature	with SSD: -25°C to +60°C
Vibration/shock incl. HD/CD/DVD	1/10G
MTBF	60'000h
For operating systems	WIN2000, WIN XP, LINUX
Part no.	815310

Manufacturer:

DIGITAL-LOGIC
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