



MPC41

The multimedia computer system with MPEG2 compression hardware

This totally silent DIGITAL-LOGIC computer for multimedia applications operates on the basis of the Intel® Pentium® M with passive cooling. The main focus is on the integrated MPEG2 video compressor hardware.

Applications:

- _ Video streaming servers
- _ Video monitoring systems
- _ Robust, mobile multimedia computer
- _ 5.1-channel audio output



Ordering information

Item	No.	Description
MPC41	812400	with SM855-P738 (1.4GHz), 512MB, 40 GB-HD, CD-RW/DVD-R drive
Upgrade	807358 807363 807365 807374 807371 807381 807382 807373	SM855-P745 (1.8GHz) 512MB to 1GB memory 40GB to 80GB hard drive 40GB to 40GB-E38-24h DVD Combo to DVD Writer COM1 as RS422/485 COM2 (RS232C) instead of LPT1 CF socket model I/II
Downgrade	807355 807356 807357 807377 807376 807385	SM855-C300 (0.6GHz) SM855-C300 (0.6GHz) SM855-C373 (1.0GHz) No hard drive No DVD/CD No 220/110VAC adapter
Option	813087	WLAN – MPC40x/41

Technical data

MPC41

CPU	Intel® Pentium® M 738, 1.4GHz
2nd Level Cache	2048kB
Chipset	Intel® 855GME
Memory	512MB (max. 1GB)
Hard drive	40 GB, 2.5" (max. 80GB)
Optical drive	CD-RW/DVD-R drive
Video controller	Intel® 855GME
Video memory	64MB
3D-Support	DirectX 9
Video interface 1	QXGA
Video interface 2	DVI
Video interface 3	TV
Resolution	2048 x 1536 (@ 75Hz)
Keyboard, mouse	2x PS/2 (Y-Kabel)
Serial interface COM1	RS232C (RS485)
Serial interface COM2	opt. RS232C
Serial interface COM3	-
Serial interface COM4	-
Parallel interface	LPT
USB V2.0	4x back, 1x front
Firewire IEEE1394	2x back
TV input/Frame grabber	MPEG2 video compression
LAN Port A (with LAN boot)	100/10Base-T (RJ45)
LAN Port B	-
LAN Port C	-
SCSI	-
Audio controller	AC97-2.3
Line output	5.1 Sound
Line input/mic.	Stereo
SPDif output	yes
Option 1	WLAN MiniPCI
Option 2	-
Option 3	GSM
Option 4	GPS
Digital input/output	-
Remote power on/off	yes
Voltage input/power	10V-30V DC / typ. 35W
Plug-in power supply	110/220V AC
Expansion	MiniPCI
Power save function	Suspend/Resume, SoftOff, Instant On
Conformity	CE, FCC
Protection class	IP50
Size (W x L x H in mm)	159 x 245 x 66
Weight	3 kg
Housing	Aluminium
Colour	anthracite/blue anodized
Noise level	<20dB(A)
Operating temperature	+5°C to +50°C
Extended operating temperature	-40°C to +70°C (SSD, @ 600MHz)
Vibration/shock incl. HD/CD/DVD	1/10G
MTBF	60'000 hrs.
Operating systems	WIN2000, WIN XP, LINUX