



MPC40

The fanless industrial computer

The MPC40/A/C is based on the Intel Pentium-M with 2 independent video displays (DVI, VGA, LVDS). For mass storage, a hard drive is built-in. Several variations of FireWire, 3x LAN or 3x video frame grabber are available. A rugged aluminum profile integrates passive, fanless cooling for absolutely noiseless and maintenance-free operation.

Applications

- _ Video surveillance
- _ Firewall, communication bridge
- _ Data capture computer
- _ FireWire camera computer

Ordering information

Item	No.	Description
Upgrade 512MB to 1GB RAM	807363	1GB RAM installed
Upgrade HD 40GB-E38	807374	40GB Ext.Temp.Harddisk assembled, for 24/24h, HD
Upgrade HD to 16GB SSD	807390	16Gb SSD assembled with -40°C to +70°C in MPC4x,MPCF40 SanDisk SDAXA-016G-000
Option MPC40x COM2	807382	COM2 DSub9 assembled and remove the LPT port
Downgrade Celeron-M140.	807356	Downgrade Celeron-M 140 for MPC40/A/B/C,41, X47 0kB 2L Cache, 1.0GHz
Downgrade Celeron-M373.	807357	Downgrade Celeron-M 373 for MPCxxx 0.5kB 2L Cache, 1.0GHz
Downgrade no HD	807377	No HD assembled
Downgrade no CD/DVD	807376	No DVD-Drive assembled for MPC40/C/F,MPC41
Downgrade no AC-Supply	807385	220VAC Supply removed, added DC-cable
Option MPC40x WLAN	813087	Intel 2915 AGB MiniPCI, incl. antenna + mounting
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
MPC-Mounting Kit.	812120	MPC-Mounting Kit
Buchse 3p. Kabel Zugentl.	439146	



Technical data

Type	MPC40	MPC40A	MPC40C
CPU	Intel® Pentium® M 738, 1.4GHz	Intel® Pentium® M 738, 1.4GHz	Intel® Pentium® M 738, 1.4GHz
Chipset	Intel® 855GME	Intel® 855GME	Intel® 855GME
Memory	512MB (max. 1GB)	512MB (max. 1GB)	512MB (max. 1GB)
Hard drive	160GB, 2.5"	160GB, 2.5"	160GB, 2.5"
Optical drive	CD-RW/DVD-R drive	CD-RW/DVD-R-Drive	CD-RW/DVD-R drive
Video controller	Intel® 855GME	Intel® 855GME	Intel® 855GME
Video memory	64MB	64MB	64MB
3D-Support	DirectX 9	DirectX 9	DirectX 9
Video interface 1	QXGA	QXGA	QXGA
Video interface 2	DVI	DVI	DVI (Opt. DC+USB)
Video interface 3	TV	TV	TV
Resolution	2048 x 1536 (@ 75Hz)	2048 x 1536 (@ 75Hz)	2048 x 1536 (@ 75Hz)
Keyboard, mouse	2x PS/2 (Y cable)	2x PS/2 (Y cable)	2x PS/2 (Y cable)
Serial interface COM1	RS232C (RS485)	RS232C (RS485)	RS232C (RS485)
Serial interface COM2	opt. RS232C	-	-
Serial interface COM3	-	-	-
Serial interface COM4	-	-	-
Parallel interface	LPT	LPT	LPT
USB V2.0	4x back, 1x front	4x back	4x back, 1x front
Firewire IEEE1394	2x back	-	-
TV input/Frame grabber	BT878A, SVideo	-	3x BT878A, coax BNC
LAN Port A (with LAN boot)	10/100BASE-T (RJ45)	10/100BASE-T (RJ45)	10/100BASE-T (RJ45)
LAN Port B	-	10/100BASE-T (RJ45)	-
LAN Port C	-	10/100BASE-T (RJ45)	-
Audio controller	AC97-2.3	AC97-2.3	AC97-2.3
Line output	5.1 Sound	-	Stereo
Line input/mic. input	Stereo	-	Stereo
SPDif output	yes	-	yes
Option 1	WLAN MiniPCI	WLAN MiniPCI	WLAN MiniPCI
Option 2	Solid State Disk	Solid State Disk	Solid State Disk
Option 3	-	-	-
Option 4	-	-	-
Digital input/output	-	-	-
Remote power on/off	yes	yes	yes
Voltage input/power, N1224	10V-28V DC / typ. 35W	10V- 28V DC / typ. 35W	10V-28V DC / typ. 35W
Plug-in power supply (included)	110/220V AC (+693061)	110/220V AC (+693061)	110/220V AC (+693061)
Expansion	MiniPCI	MiniPCI	MiniPCI/ PC card slot 2x II/ 1x III/ PC104-Plus
Power save function	Suspend/Resume, SoftOff, Instant On	Suspend/Resume, SoftOff, Instant On	Suspend/Resume, SoftOff, Instant On
Conformity	CE, FCC	CE, FCC	CE, FCC
Protection class	IP50	IP50	IP50
Size (W x L x H in mm)	159 x 245 x 66	159 x 245 x 66	159 x 245 x 66
Weight	3 kg	3 kg	3 kg
Housing	Aluminium	Aluminium	Aluminium
Colour	anthracite/blue anodized	anthracite/red anodized	anthracite/brown anodized
Noise level	<20dB(A)	<20dB(A)	<20dB(A)
Operating temperature (with HD/CD)	+5°C to +50°C	+5°C to +50°C	+5°C to +50°C
Extended operating temperature	-40°C to +70°C (SSD, no CD/DVD)	-40°C to +70°C (SSD, no CD/DVD)	-40°C to +70°C (SSD, no CD/DVD)
Vibration/shock incl. HD/CD/DVD	1/10G	1/10G	1/10G
MTBF (25°C)	40'000h	40'000h	40'000h
For operating systems	WIN2000, WIN XP, LINUX	WIN2000, WIN XP, LINUX	WIN2000, WIN XP, LINUX
Part no.	812400	812450	812420

Manufacturer:

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