MPCF50/A

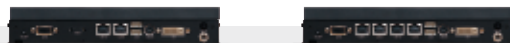## The fan-free, 42mm thin wall-mountable computer

The MPCF50/A operates on a Core Duo multiprocessor with 2GByte memory. This system includes all the standard interfaces (USB, LAN, DVI, VGA, sound) and is extremely thin (42mm) allowing it to fit behind every monitor. A passively cooled SATA300 hard drive is built-in for mass storage. The housing is made of rugged aluminum with integrated passive, maintenance-free cooling. The MPC-F50A version has 4 integrated LAN ports.

Applications

_ Information terminals

_ Digital entertainment, multimedia

_ Two separate video outputs

_ Advertising in kiosks, warehouses

_ For maintenance-free, 24 hour, continuous operation applications

Ordering information

Item	No.	Description
Upgrade 1GB to 2GB RAM	807364	2Gb RAM installed for MPCF50
Upgrade 3GB with SMX945B	807406	Upgrade SMX945B with 3GB from the SMX945 with 2GB
Upgrade 32GB SSD	807418	SATA2 SLC 2.5"-SSD Intel
Downgrade no HD	807377	No HD assembled
Downgrade no AC-Supply	807385	220VAC Supply removed, added DC-cable
Option MPCF50/A WLAN	809517	Intel 4965 AGN MiniCard, incl. antenna + mounting
MPCFxx Mounting Kit.	814056	MPCFxx Mounting Kit

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Technical data

Type	MPCF50	MPCF50A
CPU	Intel® Pentium® Core™Duo-L2400, 2x1.6GHz	Intel® Pentium® Core™Duo-L2400, 2x1.6GHz
Chipset	Intel® 945GM	Intel® 945GM
Memory	1GB (max. 2GB), SMX945B (max. 3GB)	1GB (max. 2GB), SMX945B (max. 3GB)
Hard drive (SATA)	320GB	320GB
Optical drive	-	-
Video controller	Intel® 945GM	Intel® 945GM
Video memory	256MB	256MB
3D-Support	DirectX 9	
Video interface 1	QXGA	QXGA
Video interface 2	DVI	DVI
Video interface 3	-	-
Resolution	2048 x 1536 (@ 75Hz)	2048 x 1536 (@ 75Hz)
Keyboard, mouse	2x PS/2 (Y cable)	2x PS/2 (Y cable)
Serial interface COM1	-	-
Serial interface COM2	-	-
Parallel interface	-	-
USB V2.0	6x	6x
LAN Port A (with LAN boot)	10/100BASE-T (RJ45)	10/100BASE-T (RJ45)
LAN Port B, C, D	1x 1GB LAN (RJ45)	3x 1GB LAN
Audio controller	AC97-2.3	-
Line output	Stereo	-
Line input/mic. input	Stereo	-
SPDif output	-	-
Option 1	WLAN MiniPCI	WLAN MiniPCI
Option 2	-	-
Digital input/output	-	-
Remote power on/off	yes	yes
Voltage input/power, N1224	10V-28VDC / typ. 35W	10V-28VDC / typ. 35W
Plug-in power supply (accompanying)	110/220VAC	110/220VAC
Expansion	Mini Card Express	Mini Card Express
Power save function	Suspend/Resume, SoftOff, Instant On	Suspend/Resume, SoftOff, Instant On
Conformity	CE, FCC	CE, FCC
Protection class	IP40	IP40
Size (W x L x H in mm)	310 x 256 x 42	310 x 256 x 42
Weight	3 kg	3 kg
Housing	Aluminium, Metal	Aluminium, Metal
Colour	anthracite/anodized	anthracite/anodized
Noise level	<20dB(A)	<20dB(A)
Operating temperature (with HD)	+5°C to +50°C	+5°C to +50°C
Extended operating temperature (with SSD)	-25°C to +70°C	-25°C to +70°C
Vibration/shock incl. HD	1/10G	1/10G
Vibration/shock only SSD	16/150G	16/150G
MTBF (25°C)	60'000h	100'000h
For operating systems	WIN2000, WIN XP, LINUX	WIN2000, WIN XP, LINUX
Part no.	809505	809506

Manufacturer:

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Distribution: