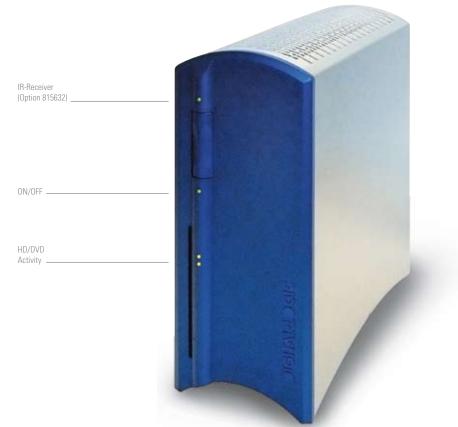
## MICROSPACE INDUSTRIAL COMPUTER SYSTEMS



# MPC50

The fanless, high performance, graphics computer

The MPC50 operates on a Core2Duo multiprocessor with 2GByte memory. This system has all the standard interfaces (USB, LAN, DVI, VGA, sound, FireWire) and is expandable with two PCI cards or two PCIe cards. For mass storage, a passively cooled SATA300 hard drive with up to 1TB capacity is built-in (a second drive is optionally available). The robust aluminum housing has an integrated passive, maintenance-free cooling design. Two passively cooled video cards (PEG/PCIexpress) are available as options to be built-in, allowing 4 monitors to be connected.

#### **Applications**

- \_ Video/audio data processing for studio technology
- \_ Multimedia applications
- \_ Optional high performance graphics with four separate video outputs
- \_ Built-in 110/220VAC power pack
- \_ For maintenance-free, 24 hour, continuous operation applications





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2x 1.5GHz

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#### **Ordering information**

ltem	No.	Description
Upgrade 250GB-HD to 1TB	815651	Replace the 250GB HD with a 1TByte SATA-Harddisk
Upgrade 3GB with SMX945B	807406	Upgrade SMX945B with 3GB from the SMX945 with 2GB
MPC50-Option 2nd HD 1TB	815650	2nd Harddisk with 1TB assembled into the MPC50x
MPC50-Option WLAN	815634	Intel 2915ABG incl. Antenna assembled
MPC50-Option 2xPCI Slot	815620	2slot PCI 32bit Caddy assembled in the MPC50x
MPC50-Option 2xPCIe-Slot	815621	2slot PCIe Caddy assembled in the MPC50x
MPC50-DualSlot-PEG&PCIe	815622	MPC50 Caddy PEG 1slot PEG 1slot PClexpress (x1)
MPC50 Dual HD Interface	815630	For thermal interface of the two caddyslots
MPC50 PCIe-Videocard	815631	With Heatpipe for passiv cooling

### **Technical data**

Туре MPC50 Intel<sup>®</sup> Pentium<sup>®</sup> Core<sup>™</sup> 2 Duo/Quad CPU Chipset Intel<sup>®</sup> 945GM Memory 2GB (max. 3GB) Hard drive (SATA) 1x 250GB-SATA (max. 2x 1TB-SATA) **Optical drive (PATA)** DVD-R/W, CD-R/W Intel® 945GM Video controller 256MB Video memory 3D-Support DirectX 9 Video interface 1 QXGA (analog) Video interface 2 DVI Video interface 3 LVDS with USB2 Resolution 2048 x 1536 (@ 75Hz) Keyboard, mouse USB Serial interface COM1 internal Serial interface COM2 internal Serial interface COM3 Serial interface COM4 Parallel interface internal USB V2.0 1x front, 4x back, 2x internal Firewire IEEE1394 2x back TV input/Frame grabber/Remote Dual tv tuner (option 845632) LAN Port A (with LAN boot) 10/100BASE-T (RJ45) LAN Port B 1GB LAN (RJ45) Audio controller AC97-2.3 HD Audio Line output 7.1 sound jack Line input/mic. input Stereo SPDif output yes SPDif input yes Option 1 (815634) WLAN MiniPCI Option 2 (815630) Terminal interface Option 3 110/220V AC Plug-in power supply MiniPCI, 2x PCI32Bit slot, PCI Express **Expansion** (optional) **Expansion slots Power save function** Suspend/Resume, SoftOff, Instant On CE, FCC Conformity IP40 Protection class Size (W x L x H in mm) 300 x 280 x 160 Weight 6 kg Housing Aluminium Colour silver/blue/anodized Noise level <20dB(A) +5°C to +50°C **Operating temperature** Extended operating temperature tbd Vibration/shock incl. HD/CD/DVD 1/10G MTBF 60'000h For operating systems Vista, WIN XP, LINUX Part no. 815600

Manufacturer:



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