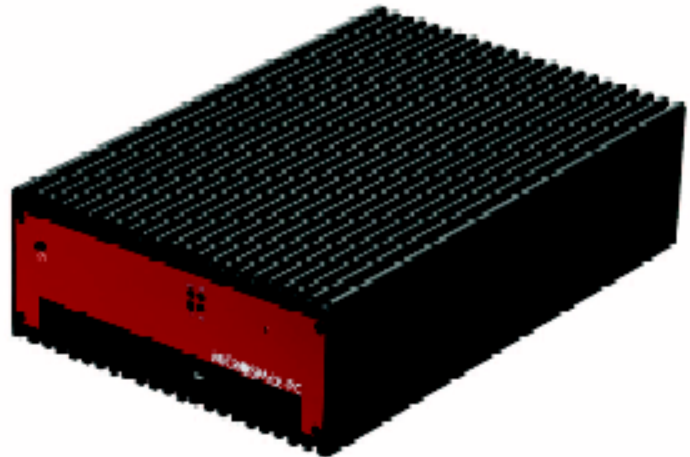# MICROSPACE - MPC40A

Feature

- Pentium M - 738 Standard
- 256MB Memory
- 40GB disk, CD
- CD-ROM
- 4x USB V2.0
- 3x LAN
- LPT, COM1 and COM2
- DirectX 9, 64MB video Memory, VGA, DVI, TV Out
- Expandable via MiniPCI slot
- Wake up from LAN and Boot over LAN (RPL/PXE)
- Lightweight (< 3kg)
- Small Dimensions: 159 x 245 x 66mm
- Fanless operating temperature +5°C to +50°C
- IP 50

Ordering Information

Item Codes	Part#	Description
Microspace-PC40A	812450	
Options		
Wireless LAN	813087	WLAN (needs to be ordered with Unit)
512MB	807361	Upgrade to 512MB DDR memory
1 GB	807363	Upgrade to 1GB DDR memory
Hard drive removed	807377	Remove Hard drive
80GB HDD	807365	Upgrade to 80GB Hard Drive
20GB ext. temp HD	807366	Replace std drive w/Extended temp.
DVD/CDRW	807370	Upgrade CDROM to DVD/CDRW
CD removed	807375	Remove CD ROM
COM1 as RS422/485	807381	Upgrade COM1 as 422/485
COM2 upgrade	807382	Upgrade COM2 in place of LPT1
CF upgrade	807373	Compact Flash Type II
Celeron-M300	807356	Replace CPU with CeleronM300
Celeron-M373	807357	Replace CPU with CeleronM373
Pentium–M745	807358	Replace CPU with Pentium M745
Pentium-M755	807359	Replace CPU with Pentium M755
US Power Cable	100-9639	US Power Cable
Active cooler	814190	USB 5VDC fan
MPC-AC-cooler	814195	Mechanical interface to a vehicle A/C
MPC-Mountingkit-V	814055	Mounting kit for MPC in Vehicle
MPC-DIN	812120	DIN rail Wall mount Assembly (w/o rail)

More options may be available, please contact our Sales office

Description

The MICROSPACE PC normally comes equipped with a hard disk, memory, video, USB ports, LAN ports and has been factory tested to assure functionality. Each model has a unique feature incorporated to differentiate it from the other models. The unit can come pre-configured with the operating system and drivers installed.

The MICROSPACE PC 40A may be installed horizontally or vertically as well as mounted in a vehicle - it is very versatile. Its compact size makes the computer easy to install in places where limited space is available. The MICROSPACE PC also works well in extremely dusty environments, since no dust particles are drawn in (fan-less design) as it is protected by the book size aluminum case. It is designed for maintenance free long-term operating in a rugged environment. These are the special features of the MICROSPACE PC which make it the smallest, quietest PC we know of in the market with this much processing power. Each MICROSPACE PC model is equipped with unique features and a wide range of options. Please see backside for details and contact our Sales office.

All Data subject to change without notice

MICROSPACE Systems

Feature	Functions	Remarks
CPU / Chipset	Intel Pentium P738	**Upgrade / Downgrade possible**
2nd Level Cache	2048kB	**CPU dependent**
Equivalent Pentium4 Performance	2.8GHz	**CPU dependent**
Chipset	Intel 855GME	
Memory	256MB	**Upgrade possible**
Harddisk	40GB	**Uses 2.5" format**
Optical drive	CD-Drive	**Can come without optical drive**
Video Controller	855GME	
Video Memory	64MB	
3D-Support	DirectX9	
1. Video Interface	QXGA	
2. Video Interface	DVI / TV	
3. Video Interface	—	
Resolution max.	2048 x 1536	**@75Hz**
Keyboard, Mouse	2x PS/2	
Serial Interface	COM1	**RS232C**
Parallel Interface	LPT	
USB	4x V2.0	
Firewire IEEE1394	—	
IrDA	115kBaud	
TV-Input/Framegrabber	—	
MPEG2 + AC3 Encoder	—	
LAN Port A	1x 100/10Base-T	**RJ45**
LAN Port B & C	2x 100/10Base-T	**RJ45**
RPL/PXE Intel LAN-Boot/Wake up	yes/yes	
Audio Controller	AC97-2.3	
Options	yes*	***Please contact our Sales office**
Power Input/Consumption	10V - 30V DC	**typ. 35W**
Power Supply Adapter	110/220V AC	
Power Saving	Suspend/Resume, Instant On	
ON/OFF	SoftOff	
Conformity	CE, FCC	
Protection class	IP50	
Dimensions	159 x 245 x 66 mm	
Case	molded aluminum	
Color	Anthracite/red anodized	
Weight (gr)	3kg	
Noise	<30dB(A)	
Operating Temperature Normal	+5°C to +50°C	
Extended Operating Temperature	-40°C to +70°C	**No optical drive, with preheat option**
Vibration/Shock incl. HD/CD/DVD	1 / 10G	
MTBF	60´000h	
Verified Operating System	WIN2000, WIN XP, LINUX	