

## MICROSPACE-PCX48

### Feature

- Celeron M - 800MHz
- 265MB DDR-RAM
- 6x USB V2.0 (2 front, 4 rear)
- LAN Ethernet 10/100Base-T
- LPT, COM1 and COM2
- Video Channel-1 analog CRT
- Video Channel-2 digital DVI-D and LVDS
- Audio-In/Out Stereo, Mic in,
- preheating for temperature of -40°C to +5°C
- Fanless operating temperature +5°C to +50°C
- Small Dimensions: 160 x 190 x 66mm
- GPS (optional)
- GSM (optional)



### Ordering Information

Item Codes	Part#	Description
MPCX48	814300	Base Model Microspace PC
MPCX48A	814301	Base without DVD/CD, 40GB HD inst.
<b>Options</b>		
MPCX48	814335	GPS Module (replaces COM1) Jupiter
MPCX48-WLAN	814262	WLAN-inc. Antenna (factory inst.)
MPCX48 40GBHD	814310	Hard Drive 2.5" 40GB
PC40A/X48 512MB	807361	Upgrade to 512 DDR memory
PC40A/X48 1GB	807362	Upgrade to 1GB DDR memory
MPCX48 DVDCD	814315	DVDR/CD-RW installed at factory
MPCX-AC	812141	90W AC input, DC output
Front Cover	814325	Pivoting protection front cover
Option-COM3/4	814275	COM3/4 (replaces LPT)
C373 upgrade	814305	Replace CPU w/Celeron M373

\*More options may be available, please contact our Sales office\*

### Description

The MICROSPACE PCX48 comes standard equipped with a 800MHz Celeron, 256MB memory, video, USB ports, LAN port and has been factory tested to assure functionality. The unit can be ordered pre-configured with the operating system installed. As like all of the MICROSPACE line, the MPCX48 has many differentiating features and options.

The MICROSPACE PCX48 can operate horizontally or vertically, its compact size makes the computer easy to install in places where space is limited. The fanless cooling and tight aluminum case allows the MPCX48 to operate in dusty/dirty environments. It is designed for maintenance free long-term operating in a harsh environment. With vehicle installations in mind, the power can be controlled by a vehicle ignition signal. These features make the MICROSPACE PCX48 the most powerful compact and rugged system available. All MICROSPACE PC models are equipped with unique features and a wide range of options. Please see the backside of this datasheet for details and contact our Sales office.

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<b>Feature</b>	<b>Functions</b>	<b>Remarks</b>
CPU / Chipset	Intel Celeron C120, 800MHz	
2nd Level Cache	CPU dependent	
Equivalent Pentium4 Performance	800MHz	
Chipset	Intel 855GME	
Memory	256MB DDR RAM	Upgrade possible
Harddisk	Option	
Optical drive	Option	
Video Controller	855GME	
Video Memory	64MB	
3D-Support	DirectX9	
1. Video Interface	QXGA	
2. Video Interface	DVI-D	
3. Video Interface	LVDS 18Bit with USB-Interface	
Resolution max.	2050 x 1536	@75Hz
Keyboard, Mouse	use USB V2.0	
Serial Interface	COM1/COM2	
USB	4x V2.0	2x rear and 2x front (stickholder)
TV-Input/Framegrabber	2 x CVBS	
GPS Module	optional	Jupiter 21
LAN Port A	1x 100/10Base-T	RJ45
LAN Port B & C	—	
RPL/PXE Intel LAN-Boot/Wake up	yes/yes	
Audio Controller	AC97-2.3	
Line Output	stereo	
Line Input	stereo	
SPDif Output	optical Toslink plug	
Mic Input	stereo	
Options	yes*	
Power Input/Consumption	8V - 326V DC / typ. 15W	
Power Supply Adapter	110/220V AC	
Power Saving	Susped/Resume, Instant On	
ON/OFF	Ignition ON / power down, SoftOff,	
Conformity	CE, IP50, Class B, E1	
Protection class	IP50	
Dimensions	160 x 190 x 66mm	
Case	molded aluminum	
Color	black anodized	
Weight (gr)	2.5kg	
Noise	<30dB(A)	
Operating Temperature Normal	0°C to +50°C, max. 1.0GHZ	
Extended Operating Temperature	-40°C to +75°C with 0.6GHZ	no optical drive, with preheat option
Vibration/Shock incl. HD/CD/DVD	1 / 10G	
MTBF	60'000h	
Verified Operating System	WIN2000, WIN XP, LINUX	

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