

## MICROSPACE-PCX47

### Feature

- Pentium M - 738 Standard
- 512MB Memory
- 4x USB V2.0 (2 front, 2 rear)
- LAN Ethernet 10/100Base-T
- LPT, COM1 and COM2
- 2x Firewire IEEE1394 (1 front, 1 rear)
- 3x Video In
- Audio-In/Out Stereo
- Remote ON by Ignition, Power Down Signal
- GSM supply (without GSM Module)
- Fanless operating temperature +5°C to +50°C
- Small Dimensions: 159 x 245 x 66mm
- choose a media pack for flexible additional features
- IP54/65
- GPS (optional)



### Ordering Information

Item Codes	Part#	Description
MPCX-47 System	814200	Base System
<b>Options</b>		
MPCX-REP02	814222	Port Replicator (see back for details)
MPCX-REP03	814224	Port Replicator (see back for details)
MPCX-REP04	814226	Port Replicator (see back for details)
MPCX-47-MP1	814250	Media Pack (see back for details)
MPCX-47-MP2	814252	Media Pack (see back for details)
MPCX-47-MP3	814254	Media Pack (see back for details)
MPCX-47-MP4	814256	Media Pack (see back for details)
MPCX47-WLAN	814262	Wireless LAN Intel Pro 2200
20GB ext. Temp. HD	807366	Replace Drive with Extend. Temp.
Celeron -M300	807356	Replace CPU with Celeron M300
Celeron -M373	807357	Replace CPU with Celeron M373
MPCX47-hdpreheat	814264	Built in element contr. w/SW to heat HD
MSMC104+	806035	PC/104+ CAN BUS Module
CAN251opto	814272	CAN-BUS Module, optically isolated
GPS Module	814140	Jupiter 21 GPS Module
*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 X47 may be installed horizontally or vertically as well as mounted in a vehicle - it is very versatile and rugged, built for military requirements. 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

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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	512MB, DDR	Upgrade possible
Mediapack 01 incl. Frontcover	40FB-HD, DVD/CD (option NiMH 16 Wh UPS Battery)	System has to include one Mediapack
Mediapack 02 incl. Frontcover	3 x Compact Flash	System has to include one Mediapack
Mediapack 03 incl. Frontcover	30 GB extended HD, 1 x CF	System has to include one Mediapack
Mediapack 04 incl. Frontcover	2 x 80GB HD	System has to include one Mediapack
Replicator 02	Standard I/O and Digital I/O	System has to include one Replicator
Replicator 03	Standard I/O	System has to include one Replicator
Replicator 04	MIL Connectors and IP65	System has to include one Replicator
Harddisk	via Mediapack	
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.	2049 x 1536 (@75Hz)	
Keyboard, Mouse	2x PS/2	
Serial Interface	COM1/COM2	RS232C
Parallel Interface	LPT	
USB	4x V2.0	2x rear and 2x front (stickholder)
Firewire IEEE1394	1x front / 1x rear	
TV-Input/Framegrabber	3 x CVBS via Mediapack	
LAN Port A	1x 100/10Base-T	RJ45
RPL/PXE Intel LAN-Boot/Wake up	yes/yes	
Audio Controller	AC97-2.3	
LineMic-, In- and Output	stereo	
GPS Module	optional	Jupiter 21
Options	yes*	*Please contact our Sales office
Power Input/Consumption	8V - 32V DC / typ.	
Power Supply Adapter	110/220V AC	
Power Saving	Suspend/Resume, SoftOff, Instant On	
ON/OFF	Ignition ON / power down	
Conformity	CE, IP65, Class B, E1, UL	
Protection class	IP54/IP65	
Dimensions	160 x 300 x 66 mm	
Case	molded aluminum	
Color	black anodized	
Weight (gr)	3.2kg	
Noise	<30dB(A)	
Operating Temperature Normal	0°C to +50°C	
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	WIN XP, LINUX, QNX	

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