

MICROSPACE®-PCF40 - The Flat Intel® Pentium® M based PC for Intelligent and Rugged Display Solutions



Die Bedeutung zeitgerechter Information im öffentlichen Raum nimmt laufend zu. Auf Plasma- oder LCD-Bildschirmen werden ab Computer vertonte Bilder und Filme präsentiert. An schwer zugänglichen Orten, oft an Wänden oder Decken in Gebäuden oder im Freien aufgebaut, sind Display und Rechner hohen Temperaturschwankungen und Staub ausgesetzt.

Mit dem MICROSPACE®-PCF40 (MPCF40) bietet DIGITAL-LOGIC für diese Anwendung ein extrem kompaktes und leichtes Rechner-System. Ohne Lüfter, mit rein passiver Kühlung über das Aluminium Gehäuse der Schutzklasse IP50, zieht der MPCF40 keinen Staub ein und ist für den wartungsfreien Dauerbetrieb ausgelegt. Er lässt sich einfach hinter jedes beliebige Display montieren.

- Kompakte Bauweise
- Modernste Technologie mit Intel® Pentium® M
- Lüfterlos
- Remote EIN/AUS
- LAN oder WLAN IEEE 802.11b/g
- Geräuscharm
- Einfache Befestigung inkl. VESA Standard

Real time public information becomes more and more important. Pictures and Films are presented with sound on Plasma- or LC-Displays. Mounted in almost non-accessible spots, at walls or ceilings, indoor as well as outdoor, display and computer are faced with thermal fluctuations and dust.

With the MICROSPACE®-PCF40 (MPCF40), DIGITAL-LOGIC presents an extremely compact and lightweight computer system. Without any cooling fan, but with pure passive cooling by the aluminium case of IP protection class IP50, no dust infiltrates into the MPCF40. It is designed for maintenance free long-term operation and can be easily mounted behind any type of display.

- Compact design
- Modern technology with Intel® Pentium® M
- Fanless
- Remote ON/OFF
- LAN or WLAN IEEE802.11b/g
- Noiseless
- Easy to be mounted, incl. VESA standard

Features

Type

CPU
2nd Level Cache
Equivalent Pentium® 4 Performance
Chipset
Memory (max. 1 GB)
Harddisk
Optical Drive
Video Controller
Video Memory
3D-Support
1. Video Interface
2. Video Interface
Resolution
Keyboard / Mouse
Serial Interface
Parallel Interface
USB
Firewire IEEE1394
IrDA
LAN Port A
LAN-Boot
Wake-up on LAN
Audio
Line Output
Line Input
Microphone Input
Expansion

Power Input/Consumption
Power Supply Adapter (externally)
Power Saving
ON/OFF

Aluminium Case (LxHxD)
IP Protection Class
Weight (incl. Power Supply)
Colour
Mounting
Noise
Operating Temperature (MIL 801)
Extended Operating Temperature
Vibration/Shock incl. HD/CD/DVD
MTBF
Conformity

Operating Systems
Part No.

Options:

MICROSPACE®-PCF40

Intel® Pentium® M 738 with 1.4GHz
2'048kBite
Approximately 2.8GHz
Intel® 855GME
512 MB
20 GB
CD-Rom
855GME
64 MB
DirectX 9
QXGA
DVI-D
2'048 x 1'536 (@ 75 Hz)
1 x PS/2
no
no
2 x USB V2.0
no
no
1 x 100/10BASE-T (RJ45)
yes
yes
AC97-2.3
5.1 Sound, AC3
stereo
stereo
1 x MiniPCI

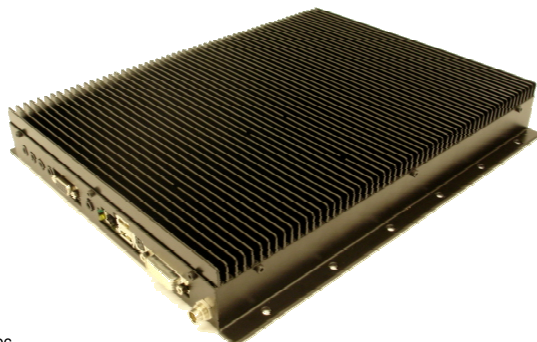
8V – 30V DC / typically 35W
100V – 240V AC
Suspend/Resume, Instant On
ON by Switch or Power Line, Soft OFF

302mm x 249mm x 40mm
IP50
3.1 kg
black anodized
VESA Standard Mounting Set
<30dB(A)
+5°C to +50°C
option
1 / 10G
60'000h
CE, FCC

Win2000, WinXP, Linux and more
809500

CPU from 600MHz up to 2.0GHz
Memory Extension to 1 GB
80 GB Harddisk
WLAN Intel Pro 2200, IEEE 802.11b/g
CD-RW/DVD-RW-Drive
Wall Mounting Kit

All information in this datasheet are subject to change without prior notice. All brand names are trademarks of their respective owners. MICROSPACE, DIGITAL-LOGIC and smartModule are registered trademarks of DIGITAL-LOGIC AG, Switzerland.



Manufacturer:

DIGITAL-LOGIC
smart embedded computers

DIGITAL-LOGIC AG
Nordstrasse 11/F
CH-4542 Luterbach / Switzerland
www.digitallogic.com

© Copyright DIGITAL-LOGIC AG 1/2005