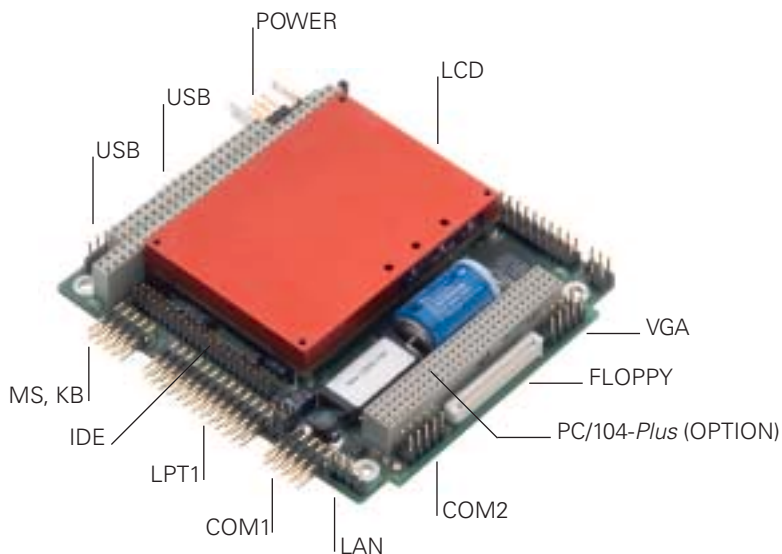


MSMP3XEN/XEG – with soldered SDRAM

Datasheet



Ordering Information

Article	Part No.	Description
MSMP3XEN-64	801962	PC/104-Plus without smartCore-P3, 64 MB, no Video, LAN, no PC/104-Plus connector assembled
MSMP3XEG-64	801890	PC/104-Plus without smartCore-P3, 64 MB, Video, LAN, no PC/104-Plus connector assembled
smartCoreP3-300C	805134	300MHz, Intel® Celeron®
smartCoreP3-400	805131	400MHz, Intel® Pentium® III
smartCoreP3-700	805132	700MHz, Intel® Pentium® III
smartCoreP3-400C	805130	400MHz, Intel® Celeron®
SMxxPC-DK	805025	Development-Kit without PC/104-CPU

Accessories	Part No.	Description
MSM-CK	802605	PC/104-Cable-Kit
MSFLOPPY	891001	3.5" Micro-Floppydrive (26 pin)
MSFDCK	802600	Microfloppy cable (26 pin)
MSLAN-CK	802604	Ethernet Cable

Option	Part No.	Description
Option -L+	807006	PC/104-Plus, connector long
Option -P+	807005	PC/104-Plus, connector short
Option -CF	807008	CompactFlashSocket (without Option -L)

MICROSPACE PC/104-Plus

Beschreibung

Der MICROSPACE MSMP3XEN/XEG verfügt über alle üblichen Schnittstellen eines Standard-PCs und ist 100% kompatibel zum MSMP5XEN/XEG-Rechner. Durch den Einsatz eines smartCoreP3 CPU-Modul lässt sich die Performance bis auf 700MHz skalieren. Der 300MHz eignet sich zur Passivkühlung, während die 400-700MHz-Varianten durch einen Ventilator gekühlt werden. Der Videocontroller ATI-M1 mit 8 MB integriertem Video-RAM macht den Rechner DVD-abspieltauglich.

Description

The MICROSPACE PC/104 MSMP3XEN/XEG has all the usual interfaces provided by a standard PC and is fully compatible with the MSMP5XEN/XEG computer. The use of a smartCoreP3 CPU module allows performance to be scaled up to 700MHz. The 300MHz version is suitable for passive cooling, whereas the 400 – 700MHz versions require fan cooling. The ATI-M1 Video Controller with 8 MB of integrated Video RAM means that the computer is capable of playing DVD's.

Technical Data

Size	PC/104 Board			
CPU	smartCoreP3			
Performance	300 - 700MHz			
2L-Cache	256kB/128kB			
DRAM	soldered 32/64 MB SDRAM			
Bootable Flash	-			
CompactFlash	(optional)			
PCCard	-			
Keyboard/Mouse	2 x PS/2			
BootDrive	FD, HD, CD, USB-CD, USB-FD, LAN			
Harddisk	44 pin IDE			
Floppy	26 pin FD			
		RS232	RS422	RS485
Serial	COM1	✓	-	-
	COM2	✓	-	-
	COM3	-	-	-
	COM4	-	-	-
Parallel	LPT1			
USB V1.1	✓, 2 channel			
LAN	100/10BASE-T, Intel® 82551ER			
SCSI	-			
Audio	-			
Video	ATI-M1, 8 MB			
	CRT	Standard		
	LCD	TFT/STN		
	Resolution	24 Bit		
	Level	3V		
Video Input	-			
EEPROM	1k			
Watchdog	onboard			
RTC Battery	onboard or external			
Power Management	✓, ATX, APM, ACPI, S2D			
Supply	5V			
Consumption	300mA to 2500mA (typ.)			