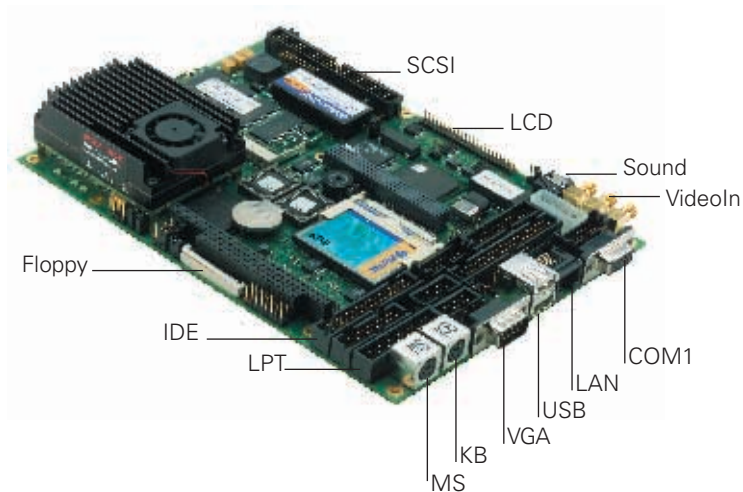


MSEBX-T3

Datasheet

MICROSPACE EBX COMPUTER



Beschreibung

Das EBX-kompatible MSEBXT3 von DIGITAL-LOGIC basiert auf dem smartCore mit T3-650MHz und ist die ideale Plattform für integrierte Navigations- oder Multimedia-Systeme. Dieses all-in-one Board verfügt über 100/10BASE-T LAN Anschluss, Soundblaster Audio, CompactFlash Sockel und Video-Input.

Description

The EBX compliant MSEBXT3 from DIGITALLOGIC integrates a smartCore CPU of T3-650MHz. This all-in-one industrial board includes 100/10BASE-T LAN interface, soundblaster audio, CompactFlash socket and a Video-Input. Perfectly made for embedded navigation or multimedia applications.

Ordering Information

Article	Part No.	Description
MSEBX-T3	811033	0MB RAM, without smartCoreT3, VGA, LAN, IDE, 4x COM, LPT, FD, 2x USB
smartCoreT3-650	805145	650MHz, Intel® Celeron® Tualatin

Accessories	Part No.	Description
MSBC-CK	802012	Single Board Computer Cable-Kit
MSFLOPPY	891001	3.5" Micro-Floppydrive (26 pin)
MSFDCK	802600	Microfloppy cable (26 pin)

Option	Part No.	Description
SDRAM32M	890645	SODIMM SDRAM-Module 32MB
SDRAM64M	890644	SODIMM SDRAM-Module 64MB
SDRAM128M	890646	SODIMM SDRAM-Module 128MB
SDRAM256M	890647	SODIMM SDRAM-Module 256MB
Option G	570000	GPS-Receiver Module

MICROSPACE EBX-T3 Computer

Overview



Type	MSEBX-T3		
CPU / Chipset	smartCoreT3 / BX440		
Bus-System	ISA/PCI		
Expansion Interface	ISA/PCI		
2nd Level Cache	256kB		
Performance (MHz)	650		
DRAM Min-Max (MB)	SODIMM SDRAM, 32 – 256		
DiskOnChip Socket	✓		
CompactFlash Socket	✓		
Mini PCI	-		
Mouse, Keyboard	✓		
BootDrive	FD, HD, CD, USB, DiskOnChip		
Floppy Interface	✓		
IDE Interface	✓, 2x P-ATA		
COM1	RS232C		
COM2	RS232C		
COM3	RS232C / 422 / 485		
COM4	RS232C / 422 / 485		
LPT1	✓		
IrDA (uses COM2)	external		
USB	✓, 2 x V1.1		
LAN Port A	100/10BASE-T, Intel® 82551ER		
LAN Port B	-		
SCSI/Firewire	SCSI: AIC 7860		
Audio	ESS1869		
Video Controller	SXGA 69030		
Video Datapath	PCI		
Video Memory	2MB		
LCD Interface	36 Bit TFT 3V/5V		
LCD Resolution	1280 x 1024 x 256		
TV Out	-		
Special functions	SCSI-Option		
Video Input	✓, 3x		
EEPROM Support	✓		
Watchdog	✓		
Power Normal	5V/12W (typ.@650MHz/32MB)		
Power Suspend	5V/1W (typ.), ATX		
Size (mm)	204 x 140 x 29		
Expansion BUS	PC/104-Plus		
Cooling Type	passive / active		
Operating Temp.	-25°C to +50°C		
Extended Temp. with 166MHz	-		
Extended Temp. with 300MHz	-		
Extended Temp. with 600MHz	-		
Extended Temp. with 700MHz	-40°C to +50°C		
Extended Temp. with 1.4GHz	-		
Weight (gr)	350		
MTBF	> 200'000h		
Ordering Guide	MSEBX-T3		

Änderungen vorbehalten / Subject to change!