MICROSPACE COMPUTER SYSTEMS





MPC20I

MPC20/L The smallest industrial computer

The MICROSPACE[®] MPC20 computer system contains the MSB800 board and its interfaces. It boots from CompactFlash, LAN, USB or the optionally integrated 2.5" hard drive.

At only 27mm high, the MPC20 is the smallest computer of its kind. The MiniPCI socket makes it possible to integrate WLAN. Power is supplied directly with 12/24Volt or with a 110/220V power supply.

Applications

- _ Cost-effective information terminals (LAN, VGA)
- _ Control of interactive devices
- _ Firewall (2 Ethernet LANs)

Ordering information

ltem Upgrade	No. 815060 815062	Description 256 to 512MB memory 256 to 1GB memory
ltem	No.	Description
Option	807460 807462	40GB-hard drive (0°C to +50°C) 40GB-hard drive, extended temp. (-25°C to +70°C)
	807461 812028	160GB-hard drive (0°C to +50°C)
	812028	Option-WLAN Power supply 110/230VAC, 60W

For mounting accessories see page 28.



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Technical data	MPC20	MPC20L
CPU	LX800	LX800
ISA-BUS	-	-
PCI-BUS	MiniPCI-socket	MiniPCI-socket
PCI Express-BUS	Willin GI-SUCKEL	
2 nd Level cache (kB)	128	128
Performance (MHz)	500	500
	256 (max. 1GB)	256 (max. 1GB)
DRAM Min-Max (MB)		
CompactFlash socket (type I/II)	yes, CF 256MB installed	yes
Keyboard, mouse (PS/2)	yes	
Boot drive	CF, USB, LAN, opt. HD	CF, USB, LAN, opt. HD
IDE interface P-ATA	(1x option)	(1x option)
Digital In	-	•
Digital Out	-	·
COM1	-	
COM2	-	
COM3	-	
COM4	-	· ·
LPT1	-	· .
USB (2.0)	4x (of which 1x internal)	4x (of which 1x internal)
CAN1-V2.0	-	
CAN2-V2.0	-	
LAN Port A	10/100BASE-T	10/100BASE-T
LAN Port B	10/100BASE-T	
Audio	Stereo In/Out	Stereo In/Out
Video controller	LX800	LX800
Video memory (MB)	16 (UMA)	16 (UMA)
LCD interface	-	<u>.</u>
DVI interface	-	
CRT interface	yes	yes
Video input	-	-
Watchdog	yes	yes
Power normal	10V-30V/10W	10V-30V/10W
Power suspend	0.1W	0.1W
Power management	yes	Ves
RTC battery onboard	400mAh (>10 years)	400mAh (>10 years)
•		
Cooling type Operating temporature (without bard disk)	passive -25°C to +70°C	passive -25°C to +70°C
Operating temperature (without hard disk)	-23 0 10 +70 0	-23 6 10 +70 6
Extended operating temperature	-	-
Size (W x L x H in mm)	165 x 110 x 27	165 x 110 x 27
Weight	500 g	500 g
MTBF	100'000h (without HD)	100'000h (without HD)
Special features 1	fan-less	fan-less
Special features 2	-	
Special features 3	FreeDOS + Linux installed on CF	
Part no.	812020*	812019

*Including DC power cable (Part no. 812036)



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