



MPC20

MPC20L

# MPC20/L

The smallest, fanless industrial computer

The MPC20 has all the standard interfaces (USB, LAN, VGA, audio). With the LX processor, the system typically only needs 10 Watts. For mass storage, besides the CompactFlash on the front, an optional hard drive is available. The housing is of rugged sheet steel with various mounting options (see Accessories).

## Applications

- \_ Information terminals
- \_ Linux microcomputer
- \_ Firewall
- \_ External 110/220VAC power pack

## Ordering information

Item	No.	Description
Upgrade 256MB to 512MB DDR	815060	512Mb RAM assembled
Upgrade 256MB to 1GB DDR	815062	1GB RAM assembled
MPC20/21 Option 160GB HD.	807461	160GB HD PATA assembled for MPC20/21 incl. cable
Option MPC20/21 WLAN	812028	Intel 2915 AGB MiniPCI, incl. antenna + mounting
PowerSupply 19V/60W	812029	ACin:110-240V,60W Uout:19V,3Amp. without: powercord
Powercord Euro	693061	2 wire for AC-Supply
Powercord USA/JP	693062	2 wire for AC-Supply
Powercord GB	693063	2 wire for AC-Supply
MPC2x HD Assemblykit	812018	MPC20/21 HD Assemblykit
Lizenzkleber PXE-LanBoot	809108	

For mounting accessories see page 30.



## Technical data

Type	MPC20	MPC20L
CPU	LX800	LX800
ISA-BUS	-	-
PCI-BUS	MiniPCI-socket	MiniPCI-socket
PCI Express-BUS	-	-
Performance (MHz)	500	500
DRAM Min-Max (MB)	256 (max. 1GB)	256 (max. 1GB)
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	-	-
DVI interface	-	-
CRT interface	yes	yes
Video input	-	-
Watchdog	yes	yes
Power normal, N1224	10V-28V/typ.10W	10V-28V/typ.10W
Power suspend	0.1W	0.1W
Power management	yes	yes
RTC battery onboard	900mAh (>10 years)	900mAh (>10 years)
Cooling type	passive	passive
Operating temperature (without hard disk)	-25°C to +70°C	-25°C to +70°C
Operating temperature (with hard disk)	0°C to +50°C	0°C to +50°C
Protection class		
Size (W x L x H in mm)	165 x 110 x 27	165 x 110 x 27
Weight	500 g	500 g
MTBF (25°C)	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

Manufacturer:  
Including DC power cable (Part no. 812036)

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