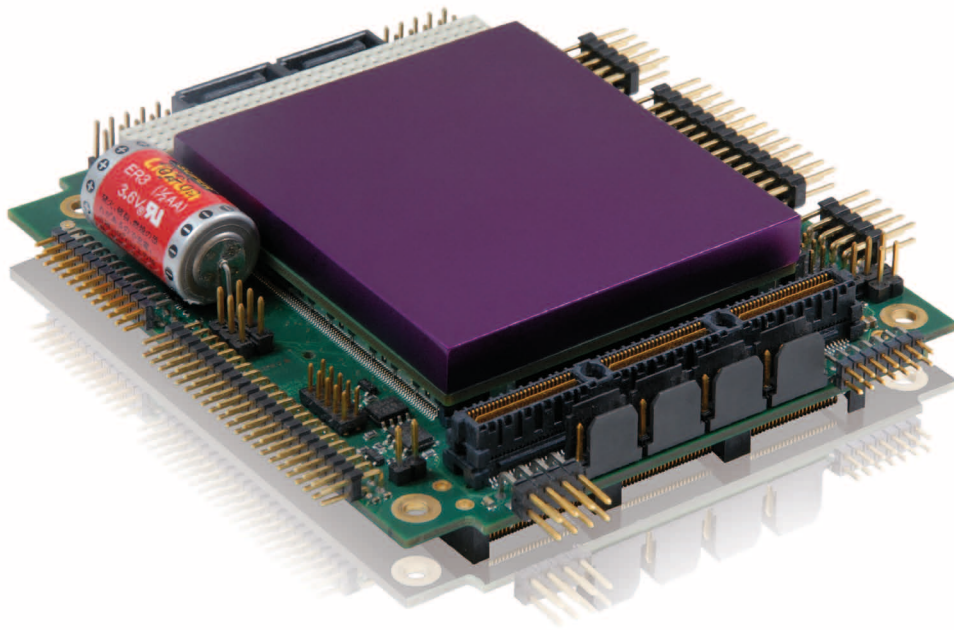


» MSM200X/XP/XU «



MICROSPACE®



PCI/104-Express with Intel® Atom™ Z510/Z530

- » Used in battery powered mobile computers
- » Information terminals with video displays
- » Game systems with music output
- » Measuring instruments
- » Telecommunication devices

Technical Information

	MSM200X	MSM200XP	MSM200XU
Processor/Performance	Atom Z510/Z530 / 1.1/1.6GHz	Atom Z510/Z530 / 1.1/1.6GHz	Atom Z510/Z530 / 1.1/1.6GHz
Chipset	US15W	US15W	US15W
Bus			
PCI-BUS (Option 807006 or 807005)	Option	Option	Option
PCI Express-BUS	not assembled	yes, on the bottom	yes, on the top
Memory	soldered 0.5-2GB	soldered 0.5-2GB	soldered 0.5-2GB
Graphics/Resolution			
Video controller	int., up to 1920 x 1200 (with reduced blanking)	int., up to 1920 x 1200 (with reduced blanking)	int., up to 1920 x 1200 (with reduced blanking)
Video memory (MB)	128	128	128
LCD interface	yes, 24bit LVDS	yes, 24bit LVDS	yes, 24bit LVDS
CRT interface	yes	yes	yes
HDD/CF			
IDE interface P-ATA	2x	2x	2x
IDE interface S-ATA (SIL 3132)	2x	2x	2x
Parallel/Serial Port			
COM1	RS232C	RS232C	RS232C
COM2	RS232C	RS232C	RS232C
COM4	RS232C/RS422/485	RS232C/RS422/485	RS232C/RS422/485
COM5	RS232C/RS422/485	RS232C/RS422/485	RS232C/RS422/485
USB	4x (2.0)	4x (2.0), 2x PCI104ex	4x (2.0), 2x PCI104ex
Ethernet	1GB LAN	1GB LAN	1GB LAN
Sound	HDA-ALC882, 2x Stereo, SPDIF (7.1)	HDA-ALC882, 2x Stereo, SPDIF (7.1)	HDA-ALC882, 2x Stereo, SPDIF (7.1)
RTC battery onboard (typ. 10 years)	900mAh	900mAh	900mAh
Standard Temperature	-25°C to +70°C	-25°C to +70°C	-25°C to +70°C
Extended Temperature (E48)	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Dimensions	96 x 90 mm	96 x 90 mm	96 x 90 mm

Ordering Information

Article	Part-No.	Description
MSM200X	802370	Part no. (without SMA200x)
MSM200XP	802372	
MSM200XU	802371	
SMA200-11G-05GB	805800	Atom Z510 incl. 0.5GB RAM
SMA200-16G-05GB	805810	Atom Z530 incl. 0.5GB RAM
SMA200-11G-1GB	805801	Atom Z510 incl. 1GB RAM
SMA200-16G-1GB	805811	Atom Z530 incl. 1GB RAM
SMA200-11G-2GB	805802	Atom Z510 incl. 2GB RAM
SMA200-16G-2GB	805812	Atom Z530 incl. 2GB RAM
Option L+	807006	PC/104plus Con. long not with Opt.CF (807007)
Option P+	807005	PC/104plus Con. short
MSM200-CKCON	803070	Cablekit with connector- print for USB,1LAN, Sound Cables: FD, COM, LPT, PWR, PS2
MSM200-LANCON	803024	1G LANcable with connector- print RJ45 and 900mAhBat
MSM200-GPS	803076	GPS Mod. on COM3 mounted, TYCO A1080 receiver
Option WLAN MCex	807414	MiniCard Expr. assembled, with antenna cable
Option GSM/UMTS MCex	807413	MiniCard Expr. assembled, with antenna cable
Enhanced Temp.	807713	E48 (-40°C to +85°C)

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