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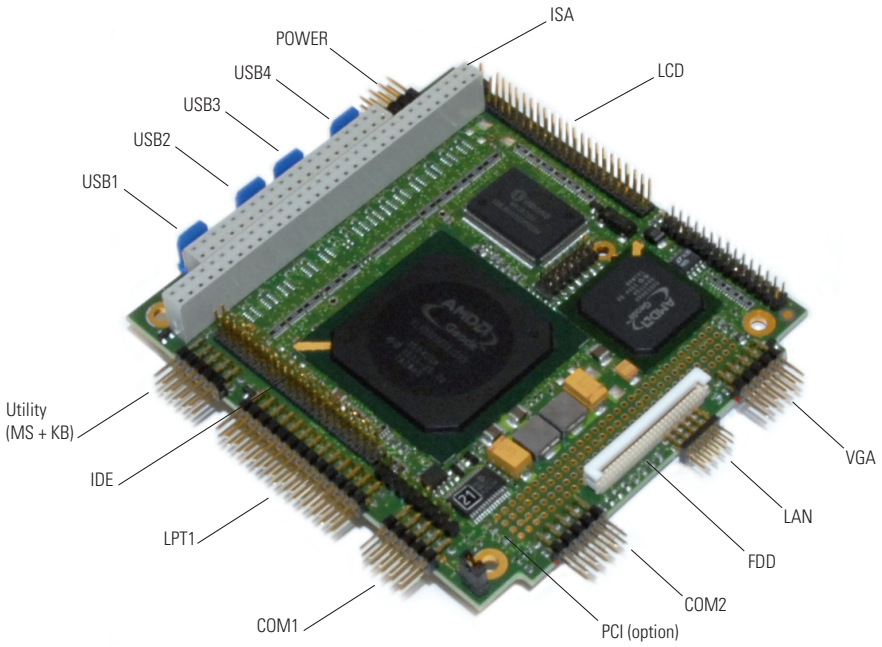
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Find the *Microspace / Digital-Logic MSM800SEL* at our website: ***Click HERE***



MSM800SEL

MICROSPACE® MSM800SEL

The MICROSPACE® MSM800SEL embedded single board computer is based on the PC/104-*Plus* form factor and runs with an AMD GEODE LX800 CPU. All standard PC functions are implemented on this smallest embedded form factor board plus the LAN, 4x USB, optional compact flash socket and onboard graphic controller for CRT/FP. This product may be functional expanded with up to 3 PC/104 or PCI/104 peripheral boards from the market.

The PCI/104 connector can be ordered in a long and short (needed in the combination of the CF-socket) version. The very low power consuming (8watts) 500MHz CPU is fanless cooled. The MSM800 is available in the extended operating temperature range.

The MICROSPACE® PC/104-*Plus* product family works with every operating system and all application software written for PC's. The MSM800CK includes all needed cables for the connection to the peripherals and is an accelerator for the first time start-up.

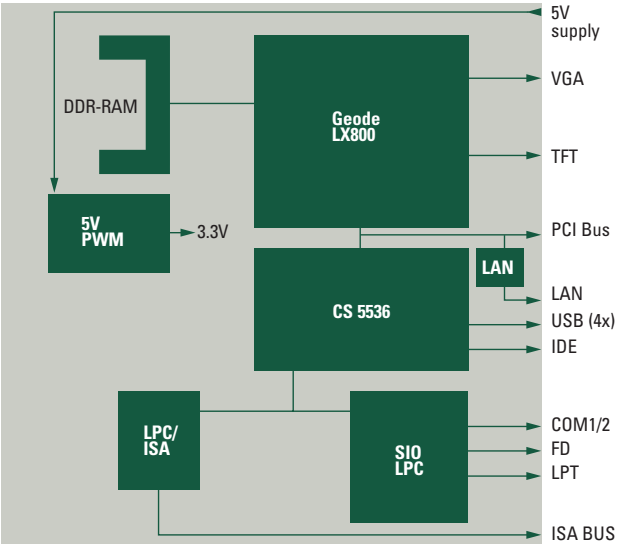
DIGITAL-LOGIC
smart embedded computers

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MSM800SEL



Ordering Information

Article	Part No.	Description
MSM800SEL	802105	Geode LX800, 500MHz, OMB RAM
Accessoires	**Part No.**	**Description**
MSM800CK	803035	MSM800 Cablekit
MSM800DVICON	803042	MSM800 DVI-Adapter
MSM800LVDSCON	803044	MSM800 LVDS-Adapter
MSFLOPPY	891001	3.5" Micro-Floppydrive (26 pin)
MSFDCK	802600	Microfloppy cable (26 pin)
Option	**Part No.**	**Description**
256MB DDR-Memory	890670	DDR-SODIMM-Module 256MB
512MB DDR-Memory	890671	DDR-SODIMM-Module 512MB
1GB DDR-Memory	890672	DDR-SODIMM-Module 1GB
Option: -L+	807006	PC/104-*Plus* connector long
Option: -P+	807005	PC/104-*Plus* connector short
Option: -CF	807008	CompactFlashSocket (without Opt. -L)

Remark

1) not PnP, resolution defined in the BIOS
2) with onboard transformator

Technical Data — MSM800SEL

CPU	AMD Geode LX800
Clock	500MHz
Cooling	passive, without fan, no heatsink
Chipset	Geode CS5536
Memory	256 MB up to 1GByte DDR-RAM
CompactFlash Slot (EIDE)	Optional
Harddisk - Interface	1 x PATA - UDMA66, 44pin
Floppy - Interface	Microfloppy, 26pin
Audio - Interface	–
COM1	RS232C
COM2	RS232C
COM3	–
COM4	–
USB V2.0	4 channels
LPT1	IEEE1284
PS/2	yes
Video Controller	Geode LX800, UMA, max. 32MB
Videopicture	Identical picture on all channels
LCD Display Interface	18/24Bit LCD interface
LCD-Resolution	240 x 320 up to 1600 x 1200, 60Hz
Analog VGA Interface	1920 x 1440, 85Hz
Videoinput	–
LAN-Port A 2)	100/10 BASE-T Ethernet
LAN-Port B	–
Digital I/O	–
Analog I/O	–
Crypto Accelerator	128Bit AES with 44Mbps throughput
MiniPCI	–
LED's	–
DC - Supply	5Volt, 8Watt (typ.)
Expansion Bus	ISA optional PCI (max. 3cards)
RTC-Battery	external 3.6Volt
Buzzer	–
Operating Temperature	0°C – 60°C
Extended Temperature	-40°C – 85°C
Dimensions	90 x 96 x 19mm
Weight	0.08 kg
Operating Systems	Windows XP, QNX, Linux, etc.

Manufacturer:

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smart embedded computers

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