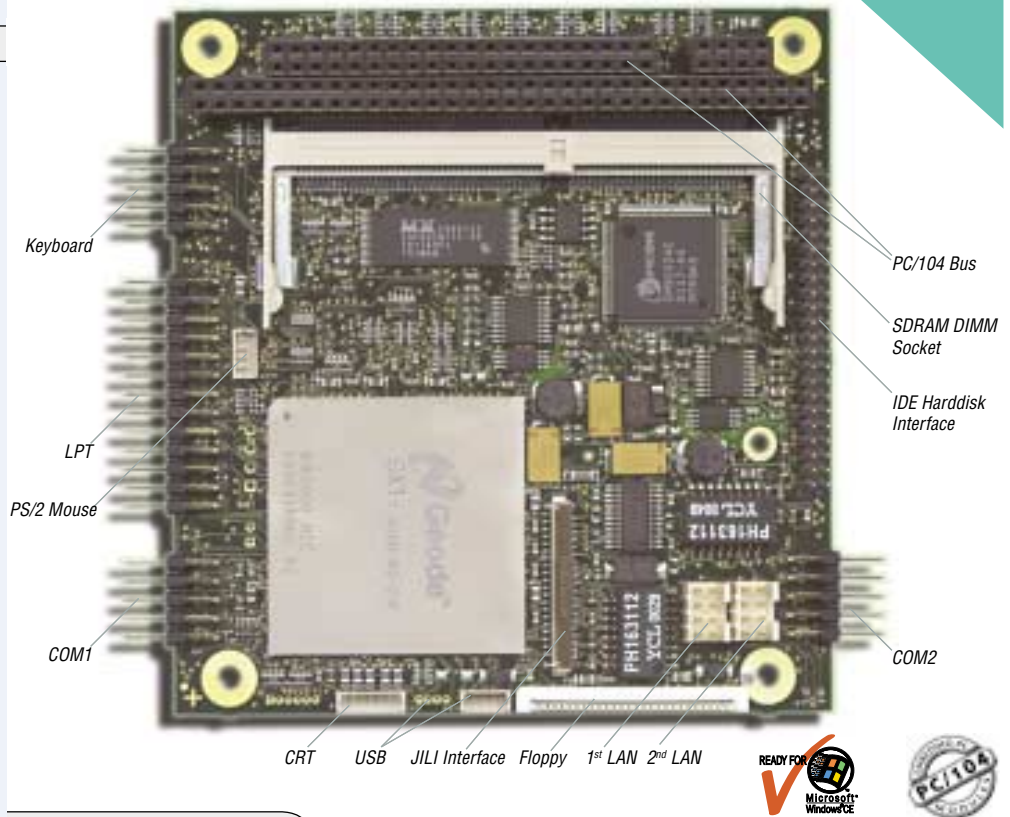


## Technical Data

- **PC/104 industrial standard**
- **CPU:**  
Geode™ GX1, fanless 300 MHz  
and on-chip graphics on  
CS5530 companion chip
- **DRAM:**  
SDRAM - SODIMM socket  
up to 256 MByte
- **IDE Flash**  
with chipDISK extendable up to 192  
MByte
- **Compact Flash Socket**
- **2x 10/100 BaseT LAN option**
- **LAN BOOT**
- **IDE harddisk interface**
- **Floppy Disk interface**
- **Printer interface**
- **2 x RS232C**
- **2 x USB**
- **Watchdog**
- **Power fail**
- **Keyboard interface**
- **PS/2 interface**
- **Setup in flash**
- **Realtime clock**
- **Dimension:** 96x90 mm (3.8x3.6")
- **Power consumption:**  
5 V
- **Plug compatible** to another MOPScdGX1 and therefore exchangeable
- **Temperature:**  
operation: 0° to 60°C  
storage: -10° to 85°C
- **Max. humidity:**  
operation: 10% to 90%  
storage: 5% to 95%  
(non condensing)



## Description

The **MOPScdGX1** fits perfectly within the MOPScdGX1-family. It is a new PC/104 with the new Geode™ GX1 running at FANLESS 300MHz. Graphic is already on chip.

New applications can be run due to the onboard Compact-Flash™ socket and Dual 10/100 MBit Ethernet.

Further standard features of the **MOPScdGX1** are 2xUSB, 2xCOM, and PS/2-mouse.

With the standard JILI-Interface 18-Bit TFT-displays can easily be attached. There are already various off-the-shelf panel-solutions available.

The **MOPScdGX1** comes as an embedded communication device with DUAL 10/100 MBit Ethernet. This

board is recommended for industrial visualisation- and communication-tasks.

Together with the firmly lockable chipDISK (8 to 192 MByte IDE-Flash) or with Compact-Flash™ cards a highly reliable PC-system in small PC/104 format emerges - suited even for rough & rugged industrial applications.

All MOPScdGX1 provide the same pinout for keyboard, COM1 and COM2, 44pin IDE, LPT as well as 1st LAN. This is the common MOPScdGX1-family feature, which eases the upgradeability enormously within the JUMPtec® PC/104-products.

## Order Information

Article	Order No.	Description
<b>MOPScdGX1</b>	01028-0000-30-2	Geode GX1, 300MHz, one SODIMM-SDRAM-socket, 2xRS232C, LPT, FDC, IDE, PS/2 mouse, 2xUSB, JILI (LVDS) Interface and DUAL 10/100 Base-T Ethernet.

## Accessories

Article	Order No.	Article	Order No.
chipDISK	Optional	FLOPPY-3,5	96009-0000-00-0
KAB-MOPScdGX1-SET2	96002-0000-00-0	FLOPPY-MOPScdGX1-1	96010-0000-00-0
KAB-KB-1	96023-0000-00-0	KAB-FLOPPY-MOPScdGX1-1	96019-0000-00-0
KAB-DSUB25-1	96015-0000-00-0	KAB-IDE-25	96020-0000-00-0
KAB-DSUB9-2	96017-0000-00-0	KAB-IDE-2MM	96021-0000-00-0
ADA-FLOPPY-2	96001-0000-00-0	JRC1	96047-0000-00-0
CONV-RS485G	96014-0000-00-0		

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