



## SHF Communication Technologies AG

Wilhelm-von-Siemens-Str. 23D • 12277 Berlin • Germany

Phone ++49 30 / 7720 5169 • Fax ++49 30 / 7702 9848

E-Mail: [automation@shf.de](mailto:automation@shf.de) • Web: <http://www.shf.de>

# Short Datasheet PC800GLX

The PC800GLX is a x86-based processor board with a fast VME Interface.

### Processor:

- AMD Geode LX800 with 500MHz, 128Kbyte 1<sup>st</sup> level cache, 128 KByte 2<sup>nd</sup> level cache.
- Passive cooling
- Main Memory 256 MB
- 256 Mbyte - 16 GB Flash Disk

### VMEbus:

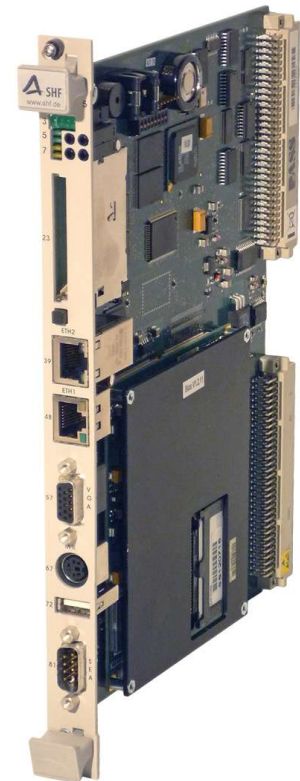
- A32/D32 Interface (32 Bit-address, 32 Bit Data)
- Disengageable VMEbus-Arbiter
- 512 Kbyte Dual port RAM
- complies with the VMEbus specification IEEE 1014-1987 Revision C.1

### VGA:

- Resolution 1920x1440x32 bpp at 85 Hz  
1600x1200x32 bpp at 100 Hz

### Peripherals

- Two Ethernet-ports 10/100 BASE T, 10/100 Auto sensing and 10/100/1000 Auto sensing
- Real time clock with battery back up
- One serial port
- Combined 6pin PS/2 connector for keyboard and mouse
- One USB-port 2.0
- User defined switching sleeves and LEDs on front panel
- Slot for external compact flash card
- Power supply 5V / 1,8A from VMEbus
- Operating temperature range 0-50°C (0-55°C with forced air 0,5m/s)
- Size double-euro (233,4x160x20,5mm)



Drivers for Linux and Windows XP with source code available