ENTRY LEVEL MODEL
conga-ELXeco

- Onboard DRAM
- ISA bus provided by PCI2ISA bridge
- Featuring AMD® Geode® LX800

Formfactor: ETX® Spec 2.7

CPU
AMD Geode™ LX 800 Processor 400 MT/s memory bus speed 128 kByte L2 Cache

DRAM
Up to 256 MByte onboard DDR memory

Chipset

Ethernet
IEEE 802.3u 100Base-Tx | Fast Ethernet compatible

I/O Interfaces
1x EIDE (UDMA-33) | 1x CompactFlash Socket onboard | 4x USB 2.0 (EHCI) | PCI Bus Rev. 2.1 | ISA Bus generated by PCI2ISA bridge
PC (Fast Mode / 400 kHz / Multi Master) | LPT (EPP/ECP) | 2x COM Ports TTL Level | x IrDA Port | PS/2 Keyboard | Mouse

Sound
AC'97 Rev2.2 compatible | Line In | Line Out | Mic In

Graphics
Integrated in chipset up to 254 MByte graphic memory (UMA)

Motion Video Support
H/W Up- and Downsampling | High Definition digital video support | alpha blending and color keying

Flat panel Interface
68 MHz LVDS Transmitter Automatic Panel Detection via EPI Embedded Panel Interface based on VESA EDID™ 1.3 | 1x18 Bit TFT resolutions 320x240 up to 1024x768

CRT Interface
350 MHz RAMDAC Resolutions up to 1920x1440x32bpp @ 85 Hz 1600x1200x32bpp @ 100 Hz

congatec Board Controller
Multi Stage Watchdog | Non-volatile User Data Storage | Manufacturing and Board information | Board Statistics | BIOS Setup Data Backup
PC (Fast Mode / 400 kHz / Multi Master) | Power Loss Control

Embedded BIOS Features
OEM Logo | OEM CMOS Defaults | LCD Control (Auto Detection / Backlight Control) | Flash Update | Based on Insyde XpressROM

Power Management
APM 1.2

Operating Systems
Microsoft® Windows CE 6.0 | Microsoft® Windows XP | Microsoft® Windows® embedded Standard | Linux

Power Consumption
Typ. application 5W @ 5V | see manual for full details | CMOS Battery Backup

Temperature
Operating: 0 .. +60°C | Storage: -20 .. +80°C

Humidity
Operating: 10 - 90% r. H. non cond. | Storage: 5 - 95% r. H. non cond.

Size
95 x 114 mm (3.7" x 4.5")
conga-ELXeco | Order Information

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<th>Article</th>
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<th>Description</th>
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<td>conga-ELXeco-128-LVDS</td>
<td>078944</td>
<td>AMD Geode™ LX800 processor with 500MHz</td>
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<td>conga-ELXeco-256-LVDS</td>
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Accessories

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<tr>
<td>conga-EVAL</td>
<td>033269</td>
<td>Evaluation carrier board for ETX-modules</td>
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<td>conga-FPA2</td>
<td>047250</td>
<td>Flatpanel prototype adapter to develop your own flatpanel adapter Including cables set</td>
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<td>XTX/ETX-carrierboard-socket-3</td>
<td>400006</td>
<td>Connector for ETX and XTX carrier boards</td>
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