

# Eco Model

Formfactor	ETX® Spec 2.7
<b>CPU</b>	AMD Geode™ LX 800 Processor, 400 MT/s memory bus speed, 128 kByte L2 Cache
<b>DRAM</b>	SO-DIMM PC2700 up to 1 GByte
<b>Chipset</b>	Companion Device: AMD Geode™ CS5536 Ethernet: Davicom DM9102D I/O Controller: Winbond 83627HG Audio Codec: ALC203
<b>I/O Interfaces</b>	1x EIDE (UDMA-66/100), primary, 1x IDE (PIO mode only), secondary 1x CompactFlash Socket onboard, 4x USB 2.0 (EHCI), PCI Bus Rev. 2.1, ISA Bus, I²C (Fast Mode, 400 kHz, Multi Master), Floppy (Shared with LPT), LPT (EPP/ECF, Shared with Floppy), 2x COM Ports TTL Level, 1x IrDA Port, PS/2 Keyboard, Mouse
<b>Sound</b>	AC'97 Rev.2.2 compatible, Line In, Line Out, Mic In
<b>Ethernet</b>	IEEE 802.3u 100Base-Tx, Fast Ethernet compatible
<b>Graphic Interface</b>	Integrated in chipset up to 254 MByte graphic memory (UMA)
<b>Motion Video Support</b>	H/W Up- and Downscaling, High Definition digital video support, alpha blending and color keying
<b>Flat panel Interface</b>	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 optional direct TTL interface
<b>CRT Interface</b>	350 MHz RAMDAC Resolutions up to 1920x1440x32bpp @ 85 Hz 1600x1200x32bpp @ 100 Hz
<b>TV Out</b>	Optional onboard TV encoder supports HDTV (420p, 720p and 1080i) supports component- and s-video signals on ETX X3 connector
<b>congatec Board Controller</b>	Multi Stage Watchdog, Non-volatile User Data Storage, Manufacturing and Board Information, Board Statistics BIOS Setup Data Backup, I²C (Fast Mode, 400 kHz, Multi Master), Power Loss Control
<b>Embedded BIOS Features</b>	OEM Logo, OEM CMOS Defaults, LCD Control (Auto Detection, Backlight Control), Flash Update, Based on Insyde XpressROM
<b>Power Management</b>	APM 1.2
<b>Operating Systems</b>	Microsoft® Windows® XP, 2000, Microsoft® Windows® XP embedded, Microsoft® Windows® CE 5.0/6.0, LINUX, QNX
<b>Power Consumption</b>	Typ. application 5W @ 5V, see manual for full details, CMOS Battery Backup
<b>Temperature</b>	Operating: 0 .. +60°C Storage: -20 .. +80°C
<b>Humidity</b>	Operating: 10 - 90% r. H. non cond. Storage: 5 - 95% r. H. non cond.
<b>Size</b>	95 x 114 mm² (3.7" x 4.5")

# conga-ELX

Low power consumption

Featuring AMD® Geode® LX800

Up to 1 GByte DRAM

**ETX®**





#### Headquarter:

**congatec AG**  
Auwiesenstraße 5  
94469 Deggendorf,  
Germany  
Phone +49 (991) 2700-0  
Fax +49 (991) 2700-111  
info@congatec.com  
www.congatec.de

#### Subsidiaries:

**congatec AG Asia Pacific**  
11F-2, 341, Sec 4,  
Zhong Xiao E. Rd.  
106 Taipei City, Taiwan  
Phone +886 2 2775 4645  
Fax +886 2 2775 3263  
sales-asia@congatec.com  
www.congatec.tw

**congatec, Inc.**  
2187 Newcastle Ave, Suite 201  
Cardiff by the Sea,  
CA 92007 USA  
Phone +1 760-635-2600  
Fax +1 760-635-2601  
sales-us@congatec.com  
www.congatec.us

**congatec s.r.o.**  
Brojova 16  
PS 326 00 Plzeň  
Czech Republic

**www.congatec.com**

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#### Vendite e supporto tecnico Italia

**Contradata Milano S.r.l.**  
Via Solferino 12  
20052 Monza (MB) Italy  
Tel. (+39) 039.2301492  
Fax (+39) 039.2301489  
info@contradata.it  
www.contradata.it



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