Entry Level Model

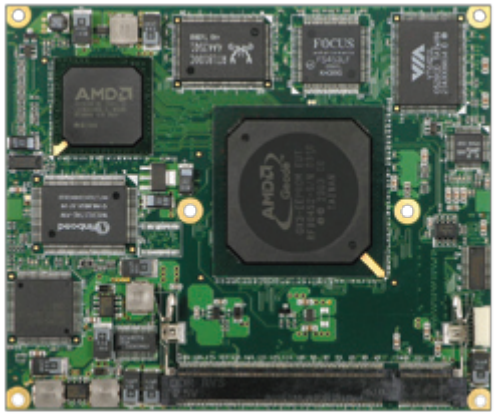
Formfactor	**ETX® Spec 2.7. without ISA Support, XTX™ Extensions**
CPU	AMD Geode™ LX 800 Processor, 500 MHz, 400 MT/s memory bus speed, 128 kByte L2 Cache
DRAM	SO-DIMM DDR333/PC2700 up to 1 GByte
Chipset	Companion Device: AMD Geode™ CS5536 Ethernet: Realtec RTL8100C I/O Controller: Winbond 83627HG Audio Codec: ALC658
I/O Interfaces	2x Serial ATA® , 2x EIDE (UDMA-66/100), 4x USB 2.0 (EHCI), PCI Bus Rev. 2.1, LPC Bus, I²C (Fast Mode, 400 kHz, Multi Master), Floppy (Shared with LPT), LPT (EPP/ECP, Shared with Floppy), 2x COM Ports TTL Level, 1x IrDA Port, PS/2 Keyboard, Mouse
Sound	AC'97 Rev.2.2 compatible, Line In, Line Out, Mic In, AC'97 digital audio interface
Ethernet	IEEE 802.3u 100Base-Tx, Fast Ethernet compatible
Graphic Interface	Integrated in chipset, Unified Memory Architecture (UMA), up to 254 MByte graphic memory space
Motion Video Support	H/W Up- and Downscaling, 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, optional direct TTL interface
CRT Interface	350 MHz RAMDAC, Resolutions up to, 1920x1440x32bpp @ 85 Hz, 1600x1200x32bpp @ 100 Hz
TV Out	Optional onboard TV encoder, supports HDTV (420p, 720p and 1080i), supports component- and s-video, signals on ETX X3 connector
congatec Board Controller	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
Embedded BIOS Features	OEM Logo, OEM CMOS Defaults, LCD Control, (Auto Detection, Backlight Control), Flash Update, Based on Insyde XpressROM
Power Management	Typ. application 5W @ 5V see manuel for full details, ACPI 2.0 with Battery support, APM 1.2
Operating Systems	Microsoft® Windows® XP, Windows® 2000, Windows® XP embedded, Windows® CE 5.0/6.0, LINUX, QNX
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 mm² (3.7" x 4.5")

conga-XLX

Entry level module based on AMD® Geode® LX800

Low power consumption

ACPI 2.0, Battery Support, Flat Panel detection ...



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the rhythm of embedded computing

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