

conga-ELXeco

Eco version

ISA bus provided by PCI2ISA bridge

Onboard DRAM

Featuring AMD® Geode® LX800

ETX



On-board DRAM

Formfactor	ETX® Spec 2.7
CPU	AMD Geode™ LX 800 Processor, 400 MT/s memory bus speed, 128 kByte L2 Cache
DRAM	128 MByte onboard DDR memory
Chipset	Companion Device: AMD Geode™ CS5536 Ethernet: Davicom DM9102D I/O Controller: Winbond 83627HG Audio Codec: ALC203
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, I²C (Fast Mode, 400 kHz, Multi Master), LPT (EPP/ECP) 2x COM Ports TTL Level, x IrDA Port, PS/2 Keyboard, Mouse
Sound	AC'97 Rev.2.2 compatible, Line In, Line Out, Mic In
Ethernet	IEEE 802.3u 100Base-Tx, Fast Ethernet compatible
Graphic Interface	Integrated in chipset up to 254 MByte graphic memory (UMA)
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
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, 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	APM 1.2
Operating Systems	Microsoft® Windows® XP, 2000, Microsoft® Windows® XP embedded, Microsoft® 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")



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

© 2009 congatec AG. All rights reserved.

conga, congatec and XTX™ are registered trademarks of congatec AG. Intel, Pentium and Intel Atom are trademarks of Intel Corporation in the U.S. and other countries. COM Express is a registered trademark of PICMG. Express Card is a registered trademark of the Personal Computer Memory Card International Association (PCMCIA). PCI express is a registered trademark of the Peripheral Component Interconnect Special Interest Group (PCISIG). CompactFlash is a registered trademark of the Compact Flash Association. Winbond is a registered trademark of the Winbond Electronics corp. AVR is a registered trademark of the Atmel corporation. ETX is a registered trademark of Kontron Embedded Modules GmbH. AMICORE8 is a registered trademark of American Megatrends inc. Microsoft®, Windows®, Windows NT®, Windows CE and Windows XP® are registered trademarks of Microsoft corporation. VxWorks is a registered trademark of WindRiver. All product names and logos are property of the respective manufacturers.

All data is for information purposes only. Although all the information contained within this document is carefully checked no guarantee of correctness is implied or expressed.

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



Contradata is a distributor of embedded computer technology and covers the entire Italian territory. The local sales staff is fully capable of helping customers to define their products and configurations. Support is supplied by a strong engineering team whose solid technical background can provide essential assistance to its customers. They're not only limited to hardware solutions but can also provide software assistance when dealing with today's most common operating systems i.e. WinCE, WinXPE and Linux.