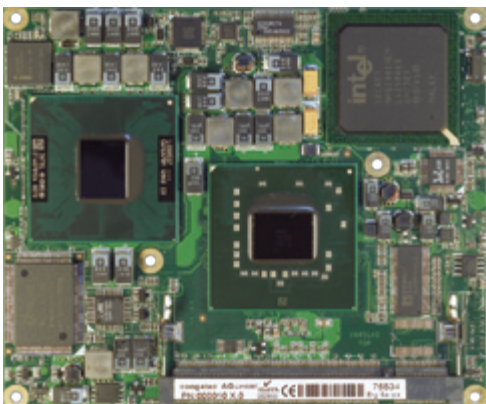


conga-X965

Provides latest graphics performance featuring the latest Intel® GME 965 chipset

Intel® Core™ 2 Duo Processors up to 4 MByte L2 cache

ACPI Battery Support, Flat Panel detection ...



High Graphics Performance

Formfactor	ETX® Spec 2.7. without ISA Support, ETX™ Extensions
CPU	Intel® Core™ 2 Duo U7500 1.06 GHz, (2M cache, 533 MHz FSB, 65nm) Intel® Core™ 2 Duo L7500 1.6 GHz, (4M cache, 800 MHz FSB, 65nm) Intel® Celeron® M 550, 2.0 GHz, (1M cache, 533 MHz FSB, 65nm)
DRAM	SO-DIMM DDR2 667/PC 5300 up to 2 GByte
Chipset	Graphics & Memory Controller Hub: Intel® GME965 I/O Controller Hub: Intel® 82801HBM (ICH8-M) I/O Controller: Winbond 83627HG Ethernet PHY: Intel® 82562
I/O Interfaces	4x PCI Express™ Lanes, 3x Serial ATA® (AHCI), 1x EIDE (UDMA-66/100), 2x Express Card® (uses 2x USB & 2x PCI Express), 6x USB 2.0 (EHCI), PCI Bus Rev. 2.3, no ISA Bus, 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
Ethernet	IEEE 802.3u 100Base-Tx, Fast Ethernet compatible
Sound	AC'97 Rev.2.2 Compatible, Line In, Line Out, Mic In, Digital High Definition Audio Interface with support for multiple audio codecs
Graphic Interface	Intel® Graphics Media Accelerator X3100 max. Resolution 2048 x 1536 (QXGA) @ 60Hz and 32bpp, 500MHz core render clock with Intel® Display Power Saving Technology (DPST 3.0), max. 384 MByte 64 Bit Video RAM (DVMT 4.0), Dynamic Display Modes for flat-panel, wide-screen and Digital TV support
Full Dual View	With two independent Pipelines
Motion Video Support	MPEG-2 Hardware Acceleration, High Definition Hardware Motion Compensation to support high definition hi-bitrate MPEG2 media playback, Up and Down Scaling of Video Content, High Definition Content Decode, HDTV (1080i/p) Support
Flat panel Interface	Dual 112 MHz LVDS Transmitter, Supports all Support for 18 and 24 bit panels, VESA- and openLDI-Mappings, Resolution up to WUXGA (1920x1200 @ 60Hz), Automatic Panel Detection via EPI, (Embedded Panel Interface, based on VESA EDID™ 1.3)
CRT Interface	300 MHz RAMDAC
AUX Output	2x SDVO, True HDTV 1080p support
TV Out	On ETX® X3 connector, Three integrated 10-bit DACs, True HDTV 1080p support
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), Serial Port Console Redirection, for Remote Setup and Installation, Flash Update, Based on AMIBIOS®
Security (optional)	TPM 1.2/TPCA Security Functions, for Hash, RSA, Keys and Random Numbers
Power Management	ACPI 2.0 with Battery support
Operating Systems	Microsoft® Windows® Vista™, Windows® XP, Windows® 2000, Windows® XP embedded, Windows® CE 5.0/6.0, LINUX, QNX
Power Consumption	max. 30W @ 5V, 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")



congatec

the rhythm of embedded computing

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