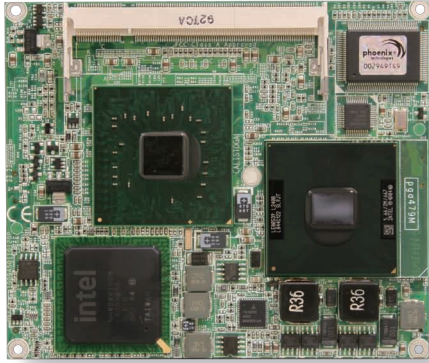




XTX-834E

Wide Range Operating Temperature Intel® Core™ Duo L2400 XTX™ CPU Module



Features

- Soldered Onboard Intel® Core™ Duo L2400 Processor
- Dual Channels 18/24-bit LVDS, and Analog RGB
- Multi-expansion (2 x SATA, 6 x USB, 2 x Serial Ports, 4 x PCI Masters, SDVO B/C Output Connector, and up to 4 x PCIe x1 Lane)
- Wide Range Operating Temp.: -40 ~ 85°C

System

CPU	Intel® Core™ Duo L2400 1.66GHz CPU with 667MHz FSB
Memory	1 x 200-pin SO-DIMM DDR2 400/533/667MHz up to 2GB
Chipset	Intel® 945GME + ICH7M
BIOS	Phoenix-Award PnP Flash BIOS
Storage	1 x Ultra ATA, support 2 IDE devices 2 x Serial ATA ports with 150MB/s HDD transfer rate
I/O Chip	Winbond W83627HG
Watchdog Timer	1~255 levels reset

I/O

Serial Port	2 x COM ports (2 x RS-232 via PBE-1400)
Parallel Port	SPP/EPP/ECP mode
Floppy	1 x Floppy disk drive share with parallel port
USB Port	6 x USB 2.0 ports
KB/MS	PS/2 interface for Keyboard and Mouse (via PBE-1400)
Expansion Bus	4 x PCI and support up to 4 x PCIe x1 slots (via customized carrier board) or up to 3 x PCIe x1 slots (via PBE-1400)

Ethernet

Chipset	XTX-834E R1.2: 1 x Realtek RTL8103EL 10/100Base-T Ethernet controller XTX-834E R1.1: (Not recommended for new design) 1 x Intel® 82562ET 10/100Base-T Ethernet controller
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Audio

CODEC/Interface	Realtek ALC655 6 Channel AC97 Audio CODEC, Mic-in/Line-in/Line-out
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Display

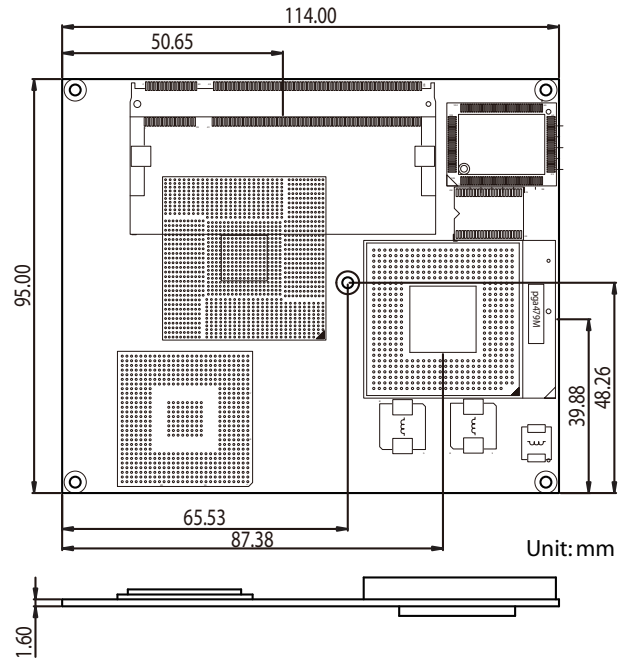
Graphics Chipset	Integrated Intel® Graphics Media Accelerator 950
Graphics Interface	Analog RGB support up to 2048 x 1536 LCD: Dual channels 24-bit LVDS Support dual independent displays

SDVO Interface	Intel® compliant SDVO B/C ports (serial DVO) 200 megapixel/sec, each supports external DVI, TV and LVDS transmitter (via customized carrier board or daughterboard)
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Mechanical & Environmental

Power Consumption	TDB
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	114 x 95 mm (4.5" x 3.7")

Dimensions



Ordering Information

XTX-834E/L2400	Intel® Core™ Duo L2400 XTX™ CPU module
HS-0832-F1	Heat spreader (114 x 95 x 20.8 mm)
PBE-1400	XTX™ evaluation board in ATX form factor