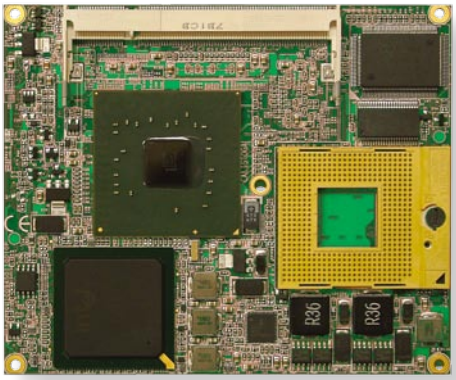
EmXTX-i945X

Intel Core™ 2 Duo/Core™ Duo/Core™ Solo XTX CPU Module with CRT/LCD, Audio, LAN and SATA



New!! XTX eXpress Technology for ETX

Features

- Support DDRII SO-DIMM up to 2GB
- Support CRT, Dual Channel 18/24 bit LVDS
- Support 2 x SATA, 6 x USB 2.0 and 2 x Serial Ports
- Support 4 x PCI, and up to 4 x PCIe*1 Slots
- Support 2 x Express Card, Shared with PCIe & USB
- **Operating Temp.: -20 ~ 70°C**

System

CPU	**Intel Core™ 2 Duo/Core™ Duo/Core™ Solo processor**
Memory	1 x 200-pin SO-DIMM DDRII 400/533/667MHz up to 2GB
Chipset	Intel 945GME + ICH7M
BIOS	Phoenix-Award PnP Flash BIOS
ATA/IDE	2 x Serial ATA (300MB/s)
	1 x Ultra ATA100/66/33 port, support 2 IDE devices
I/O Chip	WINBOND W83627HG
Watchdog Timer	255-level Reset

I/O

Serial Port	2 x RS-232 ports
Parallel Port	SPP/EPP/ECP mode
Floppy	Support 1 x Floppy disk drive shared with parallel port
USB Port	6 x USB 2.0 compliant
KB/MS	1 x PS2 K/B and Mouse
Expansion Bus	**4 x PCI and support up to 4 x PCIe*1 slots (via customized carrier board) or up to 3 x PCIe*1 slots (via PBE-1400)**
Express Card	**Support 2 x Express Card, shared with PCIe & USB (via PBE-1400)**

Ethernet

Chipset	1 x Intel 82562 10/100 base-T Ethernet

Audio

Codec/Interface	Realtek ALC655 AC'97 Codec, Mic-in/Line-in/Line-out

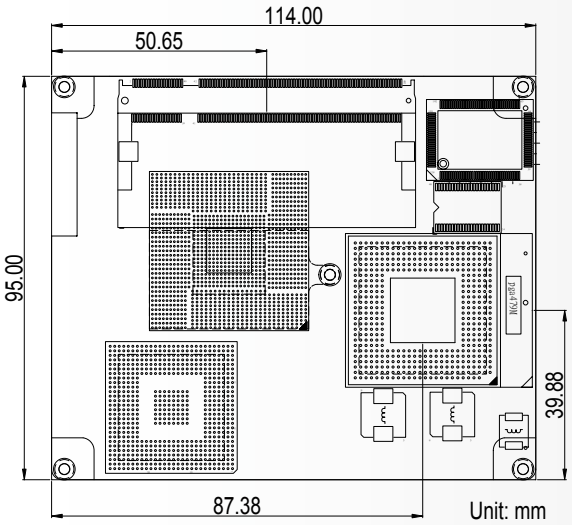
Display

Graphics Chipset	Integrated with Intel Graphics Media Accelerator (GMA950) graphics core
Graphics Interface	CRT support up to 2048 x 1536
	LCD support dual channel 18/24 bit LVDS
	Support dual independent display
	SDVO: 2 x Intel compliant SDVO ports (serial DVO) 200 megapixel/sec, each supports external DVI, TV and LVDS transmitter (via customized carrier board or daughterboard)

Mechanical & Environmental

Power Consumption	5V/4.9A, 12V/0.4A (T2300, 1.66GHz)
Operating Temp.	-20 ~ 70ºC (-4 ~ 158ºF)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	114 x 95 mm (4.5" x 3.7")

Dimensions



Ordering Information

EmXTX-i945X	Intel Core™ 2 Duo, Core™ Duo, Core™ Solo XTX CPU module with CRT/LCD, Audio, LAN and SATA
PBE-1400	XTX evaluation board in ATX form factor
HS-0945-C1	Heatsink with fan (116 x 96 x 32 mm)

All specifications are subject to change without notice.