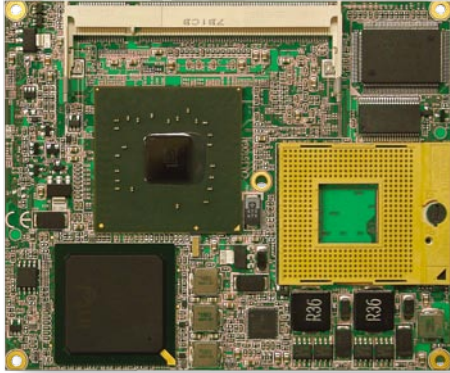




EmXTX-i945X

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



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

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|------------------------|---|
| 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

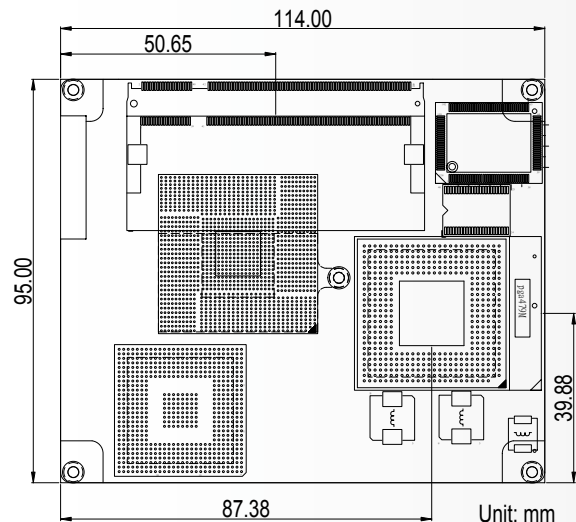
Power Consumption 5V/4.9A, 12V/0.4A (T2300, 1.66GHz)

Operating Temp. -20 ~ 70°C (-4 ~ 158°F)

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.