



Ampro EBX Baseboard EBX Carrier Board for COM Express Type II Module



COM EBX



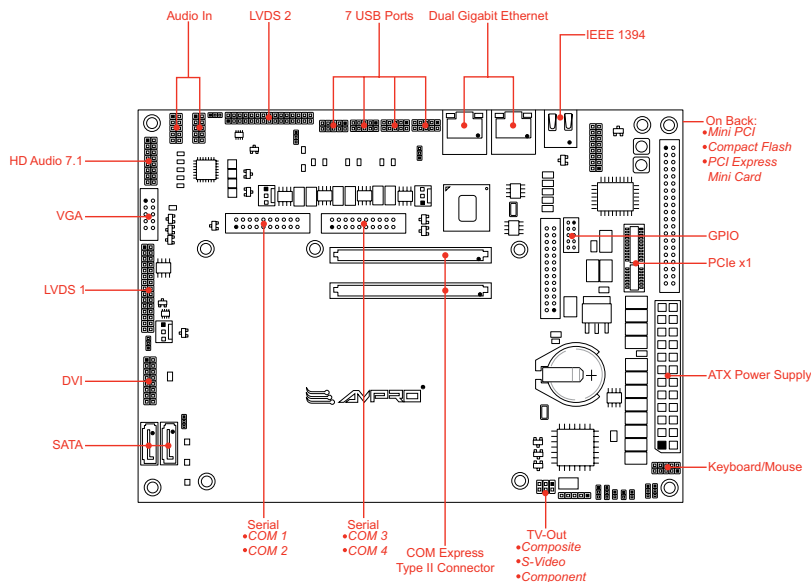
- COM Express carrier board accepts Ampro Type II COM Express modules
- EBX form factor for compact designs
- 2 SATA, 1 PCIe x1, MiniPCI, MiniPCIe
- Dual independent LVDS, DVI
- IEEE 1394
- HD Audio 7.1 channel

Supported COM Express Modules

COM 840	Extreme rugged Intel® GME965 Core™ 2 Duo COM Express module
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Ordering Information

MODEL	DESCRIPTION
COM-EBX-R-00	EBX form factor evaluation board for COM Express Type II module



For more information, pricing, and details on volume discounts, please call us at 1.800.966.5200 or +1.408.360.0200. We'll immediately connect you to your local distributor.

Don't see the product you need? Contact us at 1.800.966.5200 or +1.408.360.0200 for information about our semi-custom and custom solutions.

Specifications

FORM FACTOR

- EBX 5.75x8"
- Support COM Express Basic Type II

BUS INTERFACE

- PCI Express x1

EXPANSION

- Compact Flash Socket
- PCI Express Mini Card Socket
- Mini PCI Socket

I/O

- EIDE – One EIDE device with Ultra DMA 100/66/33
- SATA – 2 ports
- PC Style connectors:
 - IEEE 1394 single port
 - 2 SATA
 - 2 Gigabit Ethernet with PXE
- On Pin Header
 - 8 USB 2.0 – 1 dedicated to Mini PCIe
 - Serial – 4 ports, 2 RS-232, 2 RS-232/422/485
 - Parallel Port
 - 1 IDE supports 2 devices
- Keyboard/Mouse – PS/2 interface
- Audio – High-definition 7.1 channel

NETWORK INTERFACE

- Ethernet – Dual Gigabit; dual RJ-45 connector with two LED indicators

DISPLAY INTERFACE

- Supports VGA, dual LVDS interfaces with dual display capability, SDVO-DVI, TV-out-composite, S-Video component

VIDEO (ON PIN HEADER)

- Dedicate CRT, TV-Out, DVI & LVDS
- TV-Out : Composite, S-Video, Component

OTHER FEATURES

- System front panel connector
 - System speaker, HDD LED, Pwr LED, Reset
- 3 Fan Headers (CPU, NB & System)
- ACPI w/S3 support
- SMBus support

SOFTWARE & DEVELOPMENT TOOLS

- BIOS – AMI (or BIOS on COM Express module)

MECHANICAL

- Size – 146x203mm (5.75x8"); EBX form factor
- Power Requirements – ATX power supply
- Environmental
 - Temperature
 - Standard: –20° to +70°C
 - Extended: –40° to +85°C
 - Storage: –40° to +85°C
- Board Thickness – .093" (2.36mm)