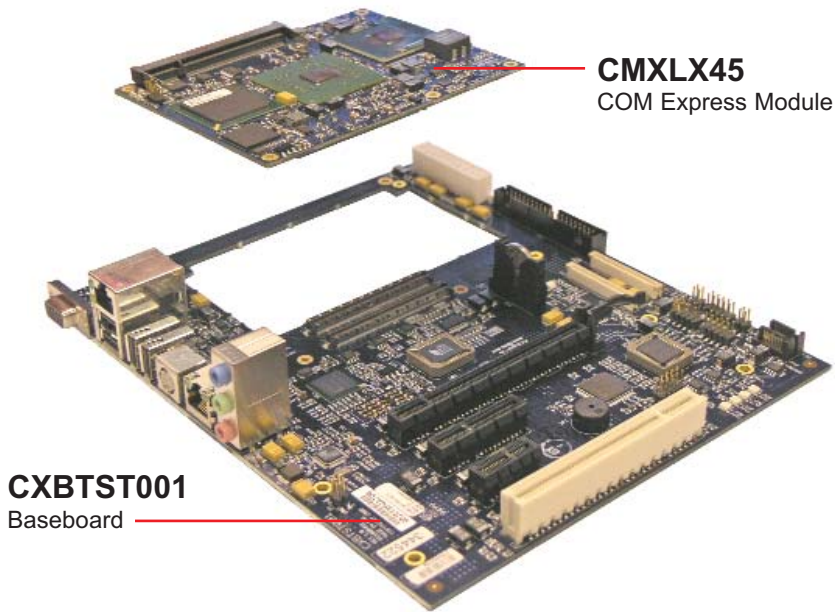




## COM Express™ Development Baseboard



### Product Features

Provides testing capabilities for COM Express™ Modules, accelerating time-to-market for custom designs

Easy Plug and Play capabilities with DTI's CMX Family of CPU Modules

One 32/33MHz PCI slot, one x4 PCI Express slot, and up to two x1 PCI Express slots for expansion

One x16 PCI Express Graphics slot (also works as an SDVO slot)

Socketed Flash chip for alternate BIOS

Intel® 82541QM 10/100 Ethernet controller with network boot on PCI bus

Board Dimensions: 7.5" x 9"

Other custom-designed baseboards available for application-specific projects

The CXBTST001 is an active baseboard designed for use with Diversified Technology's CMX family of CPU modules. The baseboard offers power entry via one ATX power supply connector, and also provides onboard battery backup for the CMX module. Peripheral expansion is possible via one 32-bit/33MHz PCI slot, one x4 PCI Express slot, and up to two x1 PCI Express slots. Available in the rear ATX window are: four USB 2.0 ports, VGA, TV-Out, one Gigabit Ethernet port, one 10/100 Ethernet port, and Audio in/out. Internal connectors and headers provide for Primary IDE, up to four SATA ports, combined IDE/SATA activity LED, System Power-Good LED, ATX power on/off, System Power-Button, System Reset, video output configuration, two LCD/LVDS video connections, and four additional USB 2.0 ports. This baseboard also features an x16 PCI Express Graphics slot that may be used instead of the other video interfaces mentioned. An SDVO card can also be used in this slot.

#### KEY ON-BOARD FEATURES

- |                                   |                                |
|-----------------------------------|--------------------------------|
| 01) VGA                           | 09) x4 PCI Express Slot        |
| 02) Gigabit Ethernet Port         | 10) 32-bit/33MHz PCI Slot      |
| 03) 4 rear USB 2.0 Ports          | 11) 4 internal USB 2.0 Ports   |
| 04) TV-Out                        | 12) LED/button/config headers  |
| 05) 10/100 Ethernet Port          | 13) Up to 4 SATA Ports         |
| 06) Audio in/out                  | 14) 2 LCD/LVDS Connections     |
| 07) x16 PCI Express Graphics Slot | 15) IDE Connection             |
| 08) Up to 2 x1 PCI Express Slots  | 16) ATX power supply connector |

