

# ETX<sup>®</sup>

## Computer-On-Modules

ETX<sup>®</sup> (Embedded Technology eXtended) is a PCI<sup>™</sup>/ISA based Computer-on-Modules that offers complete PC functionality within a 95 mm x 114 mm footprint

### Best for customization

The ETX<sup>®</sup> module includes most generic functions needed for almost any application, such as graphics, Ethernet, sound, IDE, FDD, keyboard/mouse, parallel, serial, and USB ports. ETX<sup>®</sup> modules are available in different performance levels with CPU speeds ranging from 300 MHz to 2.0 GHz.

A custom designed carrier board complements the ETX<sup>®</sup> core module with additional functionality that is required for a specific application. The carrier board provides the interface to connect the module to peripherals such as hard disk, mouse, and display. Connectors on the carrier board can be placed exactly where needed to optimize the final package and minimize cabling. This results in a more reliable product and simplifies system integration. A single carrier board can be used with different ETX<sup>®</sup> modules when the same functionality is required at different performance levels, allowing great ease in end product diversification.

### Software Support

To ensure software development does not lag behind hardware development, we provide a full set of BSPs to get you up and running in no time. BSPs for the following operating systems are provided :

- Embedded Linux<sup>®</sup> Development Kit
- Linux<sup>®</sup> BSP
- Windows<sup>®</sup> CE .Net BSP
- VxWorks<sup>®</sup> BSP
- Windows<sup>®</sup> XP Embedded support

### Fastest Time to Market

The ETX<sup>®</sup> approach of custom carrier boards combined with off-the-shelf Computers-on-Modules is an excellent solution when you need to customize, but lack the time or quantity for a complete design from the ground up. The average time to design a carrier board is less than half of that for a full custom OEM board. ETX<sup>®</sup> is economically feasible for system integration projects with production volumes in the range of 500 to 10,000 pcs per year. The ETX<sup>®</sup> concept is well accepted and has numerous advantages over full custom designs. It reduces engineering complexity, lowers the threshold for total project quantity, and last but not least, brings your product to the market in no time.

