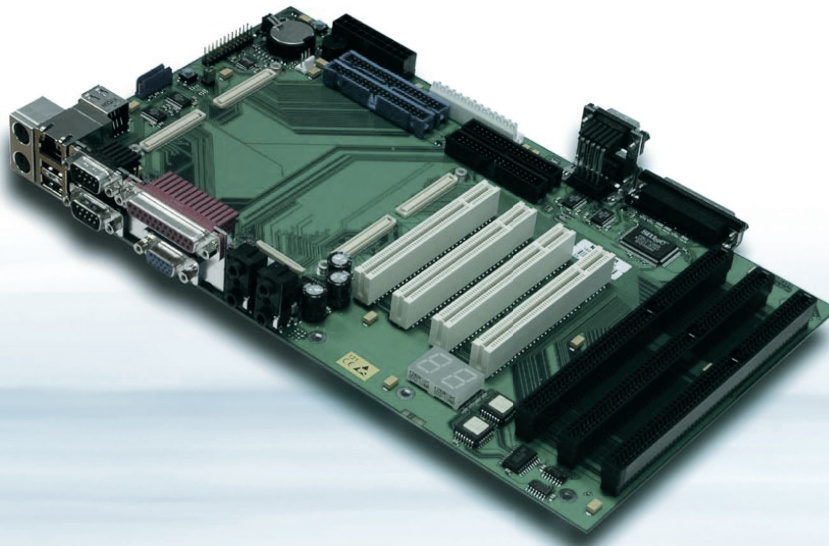


ETX[®]-eval



- ▶ ETX[®] evaluation board
- ▶ offers standard PC environment
- ▶ reference design and prototype platform
- ▶ integrated debug port



The ETX®-eval is an ATX motherboard, which fulfills all user requirements. Additionally to the typical interfaces like IDE, FDD, parallel and two serial ports, the board offers a RJ45 Ethernet and two additional USB ports. Common used receptacles make it easy to connect speakers or microphones directly. The motherboard is expandable via four PCI and three ISA slots and is equipped with both ATX and BabyAT power connectors. This allows the usage of nearly every available power supply. As a special feature, the board offers a standardized FFC connector for LVDS panels. A custom cable adaptation for LVDS displays is not necessary, simple "plug and

work". The absolute highlight is the scaleable processor performance. Due to four defined high count plugs it is possible to work with different processor modules. From AMD Geode™ up to Intel® Core™2 Duo and all future CPU technology can be inserted. The expensive replacement of the whole motherboard is obsolete and makes upgrading pretty easy. This modularity recommends the ETX®-eval as the ideal carrier board to evaluate the ETX® concept. Even before the completion of the target system is done, the software and application development can be started in advance.

▶ TECHNICAL INFORMATION

KEYBOARD/MOUSE	PS2 mouse and keyboard connector
HARD DISK	2x IDE ports, 1x FDD port
LVDS AND CRT INTERFACES	DSUB 15 VGA connector, Dual Channel LVDS connector J1L1 (depending on module)
ETHERNET	10/100 MBit from Module (RJ45) and onboard 10/100/1000 MBit, Intel® LAN (RJ45)
LEGACY INTERFACES	1x Parallel port (DSUB 25 female), 2x Serial ports (DSUB 9 male)
PCI AND ISA INTERFACES	4x PCI slots, 3x ISA slots
USB	4 USB Ports, 2 on 4pin USB A connector and 2 on internal pin header
EXPANSION INTERFACE	1 PCI slot 32 Bit, Single PC-Card slot, 32 bit with ejector
SOUND	Stereo Line in /out 3,5mm jack-plug
FORM FACTOR	166 x 130 mm, 20 pol. ATX power connector
TEMPERATURE	Operation: 0° to 60°C, storage: -25° to 85 °C
HUMIDITY	Operation: 10% to 90%, storage: 5% to 95% (non condensing)

▶ ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
ETX®-EVAL	18010-0000-00-0	ATX baseboard for ETX® Modules
ETX® STARTERKIT	18010-0000-00-5	Complete Kit including Power Supply, Floppy Drive, CD-ROM Drive and Documentation
ETX® MINIBASEBOARD	18028-0000-00-0	miniBaseboard for ETX® modules

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