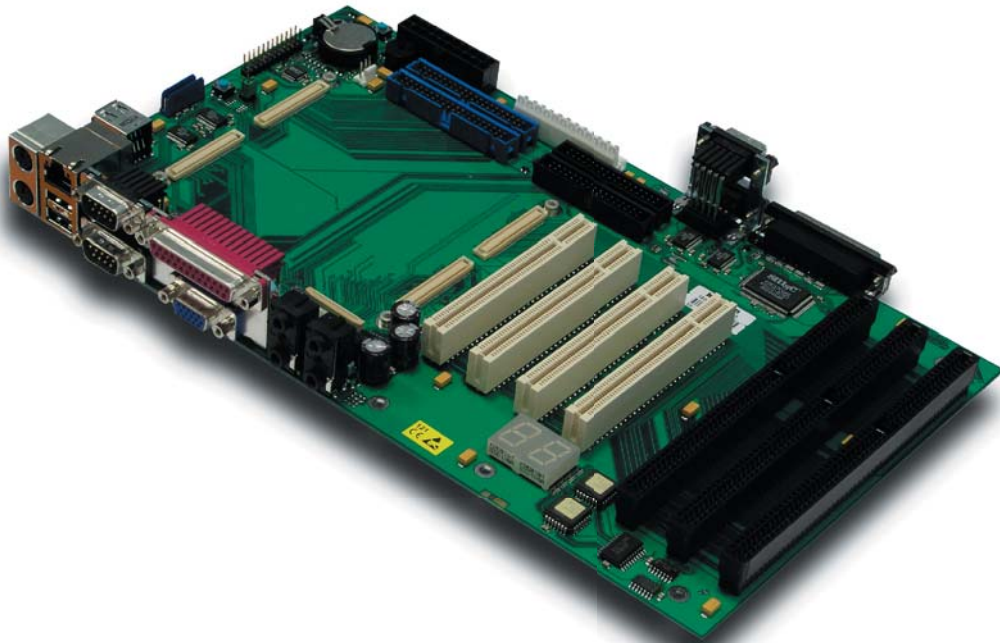


➤ **ETX-*eval***



➤ **ETX evaluation board**

- Offers standard PC environment
- Reference Design and prototype platform
- Integrated Debug Port

➤ Product Overview

The ETXeal 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 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 Geode up to Intel® Pentium® III and Transmeta Crusoe all future CPU technology can be inserted. The expensive replacement of the whole motherboard is obsolete and makes upgrading to an easy-to-deal-with passion. This modularity recommends the ETXeal as the ideal baseboard 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. With the ETX and ETXeal you are definitely

...always a Jump ahead!

➤ Technical Information

Dimensions	ATX form factor, four PCI slots, three ISA slots
Keyboard/Mouse	PS/2 connectors
Two IDE ports	2,54mm/40 pin
One FDD port	2,54mm/34 pin
One parallel port	DSUB25 female
Two serial ports	DSUB9 male
VGA port	15pos. for CRT
Ethernet	10/100BaseT (RJ45)
FFC connector	JILI ports for LCD panels

Debug port	two 7 Segment Display
Sound	Line in/out, Microphone, Speaker (3,5mm receptable)
USB	4 ports
IrDA signals	available on pin header
Piezo speaker	onboard and on pin header
Reset push button	onboard and on pin header
Power connector	for ATX- and BabyAT power supply
Temperature (*)	operation: 0° to 70°C, storage: -10° to 85°C
Humidity	operation: 10% to 90%, storage: 5% to 95% (non condensing)

(*) see manual for details

➤ Ordering Information

Article	Part.-No.	Description
ETXeal	18010-0000-00-0	ATX baseboard for ETX Modules
ETX	see ETX chapter	CPU module to be ordered separately

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