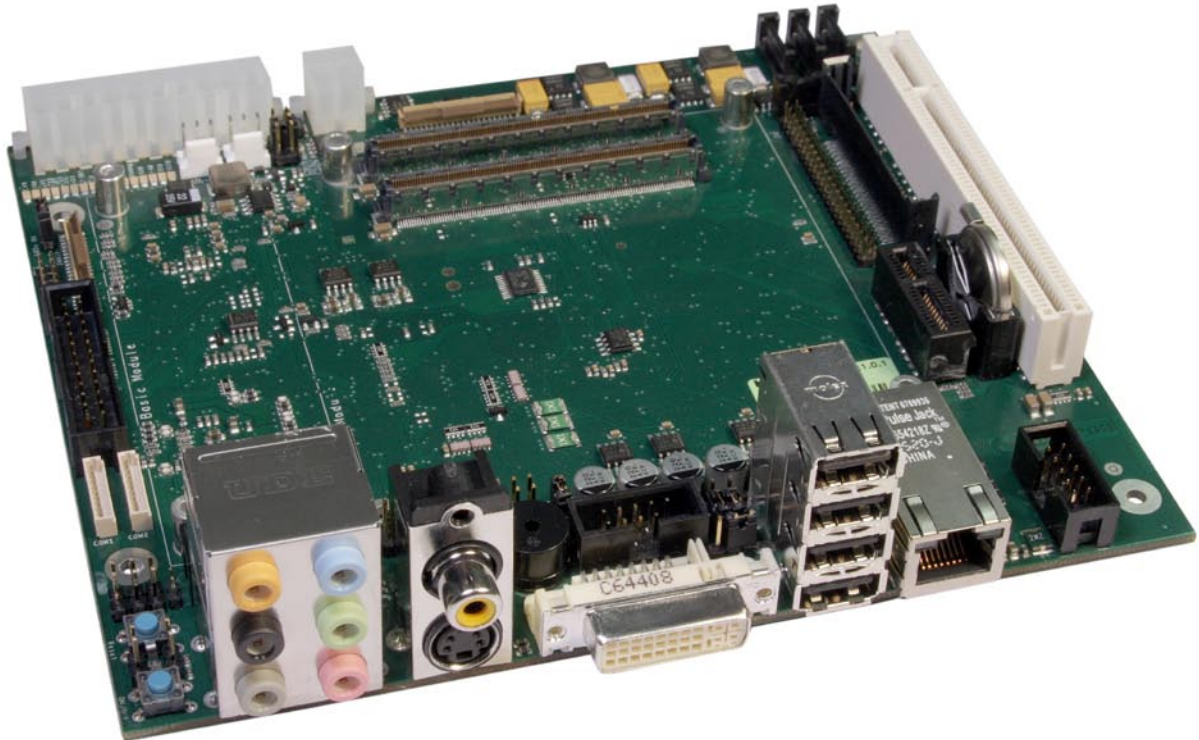


▶ ETXexpress[®] miniBaseboard



COM 
Express

- ▶ With reduced size for quick evaluation purposes
- ▶ Includes all connectors for a quick start
- ▶ Choose any COM Express[™] module - to just Plug & Go

➤ Product Overview

The ETXexpress® miniBaseboard is designed to allow embedded application developers to get up and run quickly with the COM Express™ module platform, giving them a head start on the total system design. Simply select a COM Express™ module, then Plug & Go. The ETXexpress® miniBaseboard is reduced in its size and offers new interfaces. This ready to use carrier board is a flexible design platform for various applications.

With a complete array of connectors provided by this compact carrier board, it serves as a reference design for several different customized variations. The COM Express™ format represents a more cost effective replacement to time and resource consuming full custom designs. Time-to-market is dramatically reduced and future upgrades are as simple as choosing a new COM Express™ module. Therefore, the total cost of owner-ship of the end design is improved as well.

➤ Technical Information

Hard Disk	1x 44pin IDE 1x Compact Flash 4x SATA
Ethernet	1 Ethernet magnetic connector for 10/100/1000 LAN
Legacy Interfaces	2x COM connectors (pin header) 1x LPT connector (pin header)
USB	4 x USB 2.0 (front) 2x USB 2.0 (pin header)
PCI	1x PCI Slot
PCI Express	1x PCI Express x1 lane 1x PCI Express Card connector on backside (optional)

LVDS and CRT interfaces	1x DVI with CRT supply 1x TV-out Two LVDS connectors: ➤ LVDS from module ➤ LVDS from SDVO converter
Sound	7.1+2 Channel High Definition Audio Codec 6 jacks on front connector 2 jacks on pin header
Form Factor	170 x 145 mm ATX power connectors: 20 pin and 4 pin (12V / wide range)
Temperature	Operating: 0 to +60°C Storage: -25 to +85°C
Humidity	Operating: 10% to 90% (non condensing) Non operating: 5% to 95% (non condensing)

➤ Ordering Information

Article	Part.-No.	Description
ETXexpress® miniBaseboard	38102-0000-00-0	miniBaseboard for COM Express™ modules

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