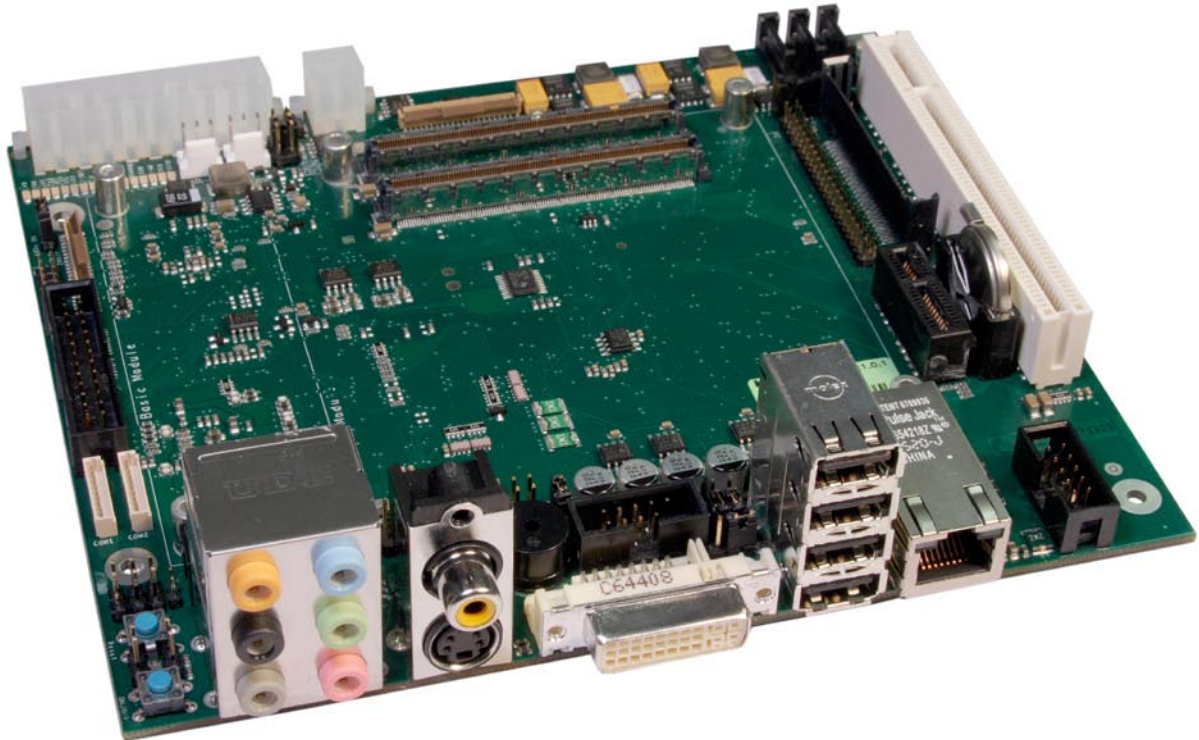


➤ ETXexpress miniBaseboard



ETXexpress®
a COM Express solution

COM 
Express

- With reduced size for express evaluation purposes
- Includes all connectors for a quick start
- Choose your ETXexpress 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 ETXexpress module platform, giving them a head start on the total system design. Simply select an ETXexpress module, then Plug & Go. The ETXexpress miniBaseboard is reduced in its size and offers new interfaces. This ready to use baseboard is a flexible design platform for various applications.

With a complete array of connectors provided by this compact baseboard, it serves as a reference design for several different customized variations. The ETXexpress 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 ETXexpress module. Therefore, the total cost of ownership of the end design is improved as well.

➤ Technical Information

ATX	ATX power connectors: 20 pin and 4 pin (12V / wide range)
PATA	1x 44pin IDE connector 1x Compact Flash connector
SATA	4x SATA connectors
DVI	1x DVI with CRT supply (front)
Ethernet	1 Ethernet magnetic connector for 10/100/1000 LAN
Legacy	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
LVDS	Two LVDS connectors: ➤ LVDS from module ➤ LVDS from SDVO converter
PCI Express Card	1x PCI Express Card connector on backside (optional)
Sound	HD Audio including AC 97 sound (7.1 channel solution) 6 jacks on front connector 2 jacks on pin header
Dimensions	170 x 145 mm
Temperature (*)	tbd
Humidity	tbd

(*) Ask about wider temperature ranges

➤ Ordering Information

Article	Part.-No.	Description
ETXexpress miniBaseboard	38102-0000-00-0	miniBaseboard for ETXexpress modules

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