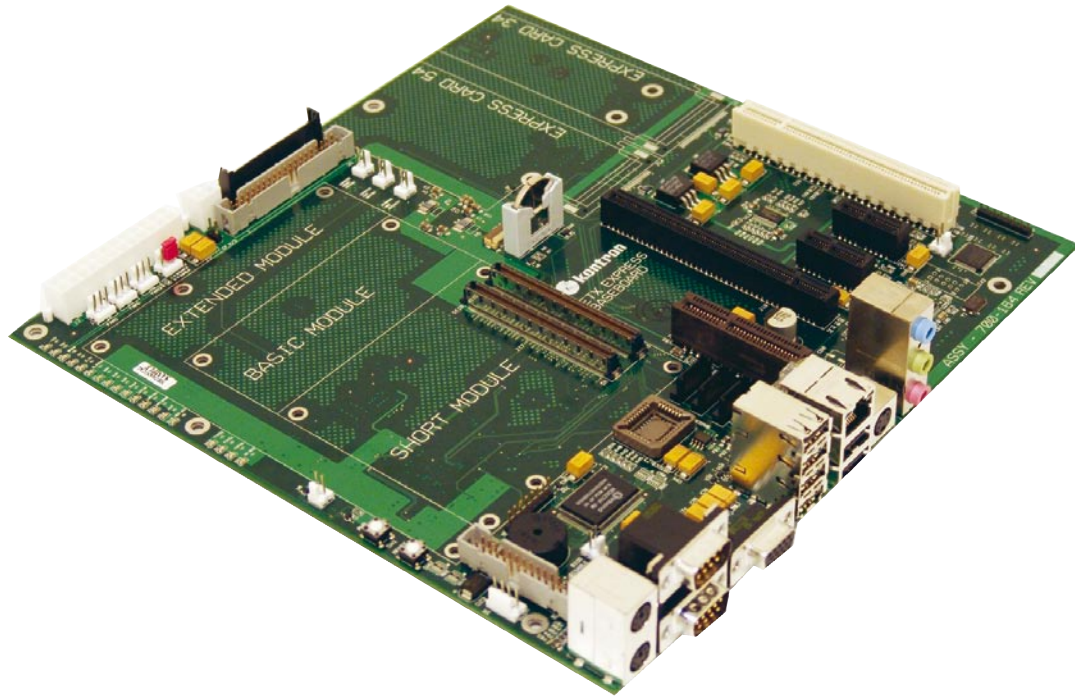


➤ ETXexpress Eval



- Evaluation Carrier Board
- For express evaluation purposes
- Includes all connectors for a quickstart
- Choose your ETXexpress module -- plug & Go

Product Overview

The ETXexpress Evaluation carrier board is designed to allow embedded application developers to get up and running quickly on the ETXexpress modular platform, giving them a head start on the total system design. Simply select an ETXexpress CPU module, then Plug & Go.

The ETXexpress Eval is a microATX size carrier board offering new interfaces for PCI Express, PCI Express Graphics, and SATA in addition to USB 2.0, VGA, Gigabit Ethernet and more. The ETXexpress Eval also offers a standardized FFC connector for LVDS panels. Kontron's ETXexpress family of Computer-On-Modules

(COMs) are fully compliant with the PCI Industrial Computer Manufacturer's Group (PICMG) COM Express Specification. With a complete array of connectors brought out on this carrier board, it serves as a reference design for other more 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 CPU module. Therefore, the total cost of ownership of the end design is improved as well.

Technical Information

PCI Express Interfaces	PCI Express Graphics 1x16 lanes 2x PCI Express x1 lanes
Harddisk Interface	4x Serial ATA 2x IDE
VGA Port	15pos for CRT
Ethernet	10/100Base-T (RJ45) or 1000Base-T
FFC Connector	For LVDS panels
USB	6x USB 2.0 ports

Form Factor	microATX form factor Fits ETXexpress "Basic" and "Extended" modules and microETXexpress
Recommended Power Supply	ATX switchable 115V-/230V
Temperature (*)	Operation: -5° to 70°C Storage: -10° to 85°C
Humidity	Operation: 10% to 90% Storage: 5% to 95% (non condensing)

(*) Ask about wider temperature ranges

Ordering Information

Article	Part.-No.	Description
ETXexpress Eval w/ 10/100Base-T	38100-0000-00-0	Evaluation carrier board for ETXexpress modules with 10/100Base-T Ethernet
ETXexpress Eval w/ 1000Base-T	38100-0000-00-1	Evaluation carrier board for ETXexpress modules with 1000Base-T (Gigabit) Ethernet

Corporate Offices

Europe, Middle East & Africa
Kontron AG
Oskar-von-Miller-Str. 1
85386 Eching/Munich Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 219
sales@kontron.com

North America
Kontron America Corporate Office
14118 Stowe Drive
Poway, CA 92064-7147
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
sales@us.kontron.com

Asia Pacific
4F, No. 415, Ti-Ding Blvd.
Sec.2, NeiHu District
Taipei Taiwan 114
Tel.: +886-2-2799-2789
Fax: +886-2-2799-7399
sales@kontron.com.tw

Kontron Embedded Modules
Brunnwiesenstr. 16
94469 Deggendorf
Germany
Tel.: +49 (0)991/ 370 24-100
Fax: +49 (0)991/ 370 24-333
sales@kontron.com