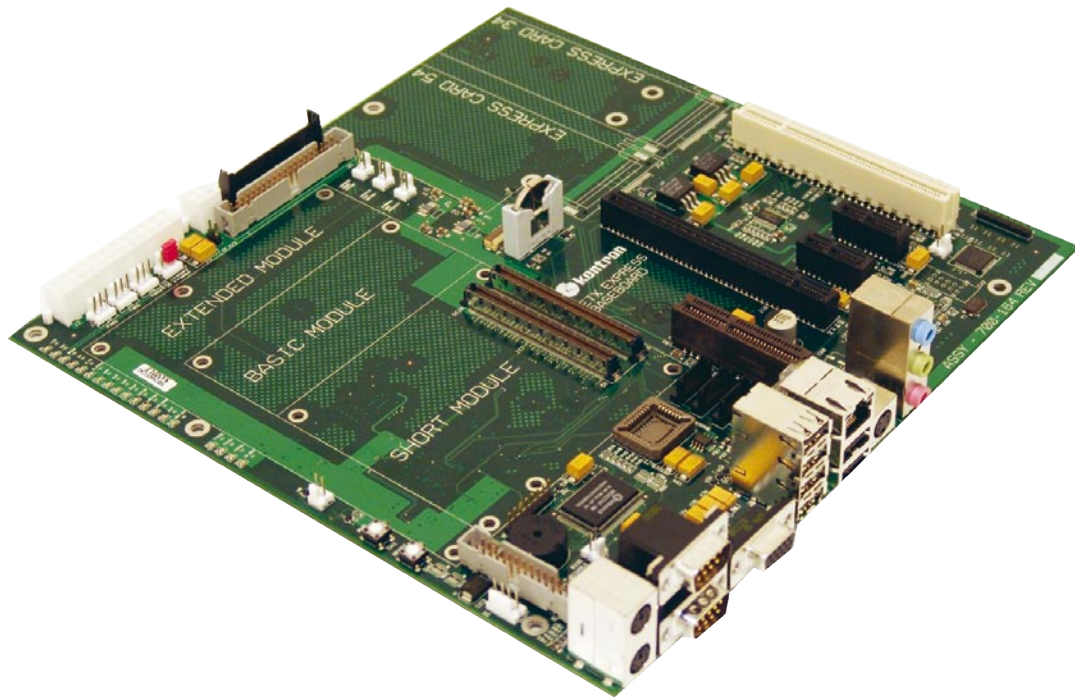


➤ ETXexpress[®] Eval



- Evaluation Carrier Board
- For express evaluation purposes
- Includes all connectors for a quickstart
- Choose any COM Express[™] 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 any COM Express™ 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 COM Express™ module. Therefore, the total cost of ownership of the end design is improved as well.

Technical Information

PCI Express	PCI Express Graphics 1x16 lanes 2x PCI Express x1 lanes
Hard Disk	4x Serial ATA 2x IDE
LVDS and CRT interfaces	1x CRT 1x FFC Connector for LVDS panels
Ethernet	10/100Base-T (RJ45) or 1000Base-T
USB	6x USB 2.0 ports

Form Factor	microATX form factor, 244 x 244 mm Fits ETXexpress® "Basic" and "Extended" modules and microETXexpress
Power Supply	ATX 110V/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 extended 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

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