➤ ETXexpress® Eval2
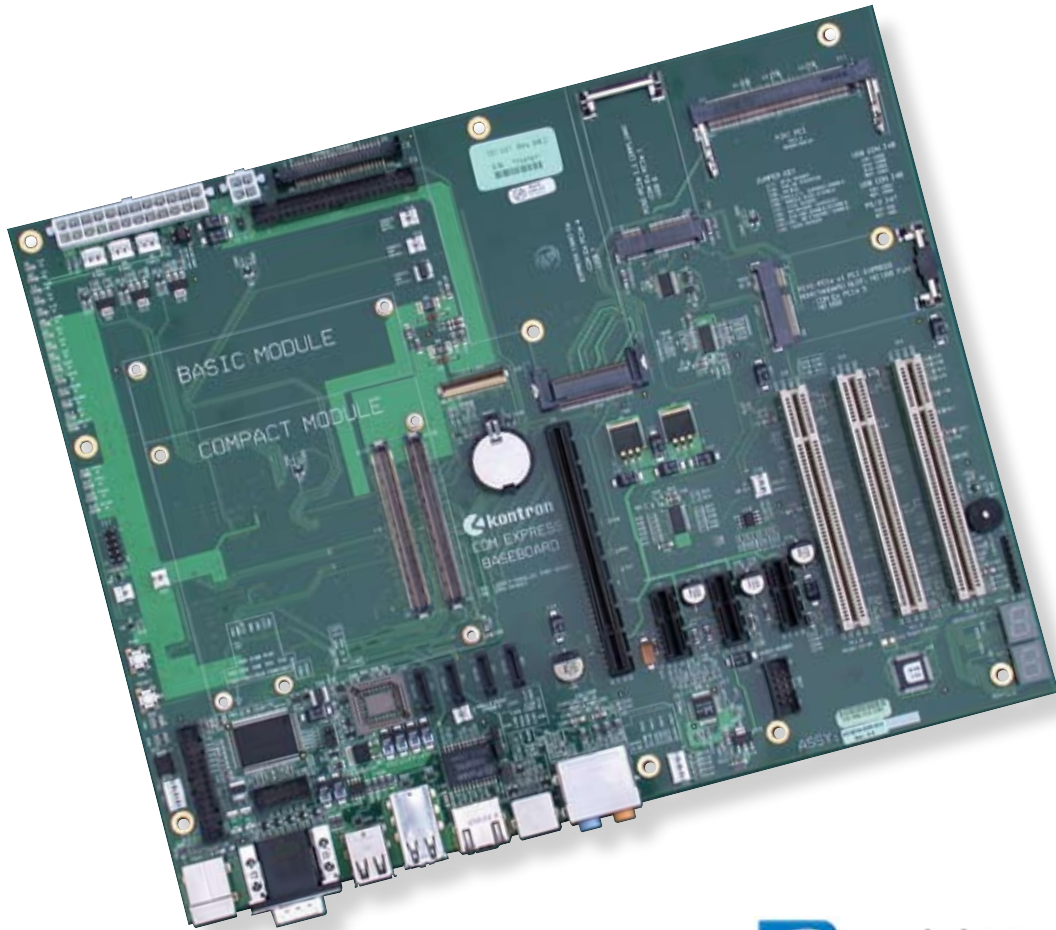
➤ Evaluation Carrier Board
➤ For express evaluation purposes
➤ Includes all connectors for a quickstart
➤ Choose any COM Express™ module – Plug & Go

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➤ Product Overview

The ETXexpress Eval2 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 Eval2 also is a standard ATX 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 pannels.

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 comsuming 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
Up to 6x PCI Express x1 lanes

Hard Disk
4x Serial ATA
1x IDE (master & slave, includes CompactFlash socket)

LVDS and CRT interfaces
15pos for CRT

Ethernet
10/100/1000Base-T

USB
6x USB 2.0 ports

Form Factor
Standard ATX form factor, 305 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)

Additional Features
3x PCI
1x miniPCI
1x Express Card
1x miniPCIe (1.1 compliant)
1x non-standard miniPCIe x1
16-bit POST code display

➤ Ordering Information

Article	Part.-No.	Description
ETXexpress Eval2	38104-0000-00-0	Evaluation carrier board for COM Express Type 2 basic and compact modules with 10/100/1000 Base-T Ethernet.

➤ Corporate Offices

EMEA

Oskar-von-Miller-Strasse 1
85386 Eching / Germany

Tel.: + 49 (0) 8165 77 777
Fax: + 49 (0) 8165 77 279

sales@kontron.com
www.kontron.com

NORTH AMERICA

14118 Stowe Dr
Poway, CA 92064-7147

Tel: (888) 294-4558
Fax: (858) 677-0898

sales@us.kontron.com
www.kontron.com

ASIA PACIFIC

17 Building, Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R. China

Tel: +86 10 63751188
Fax: +86 10 83682438

kcn@kontron.cn
www.kontron.cn

www.kontron.com/ETXexpress

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