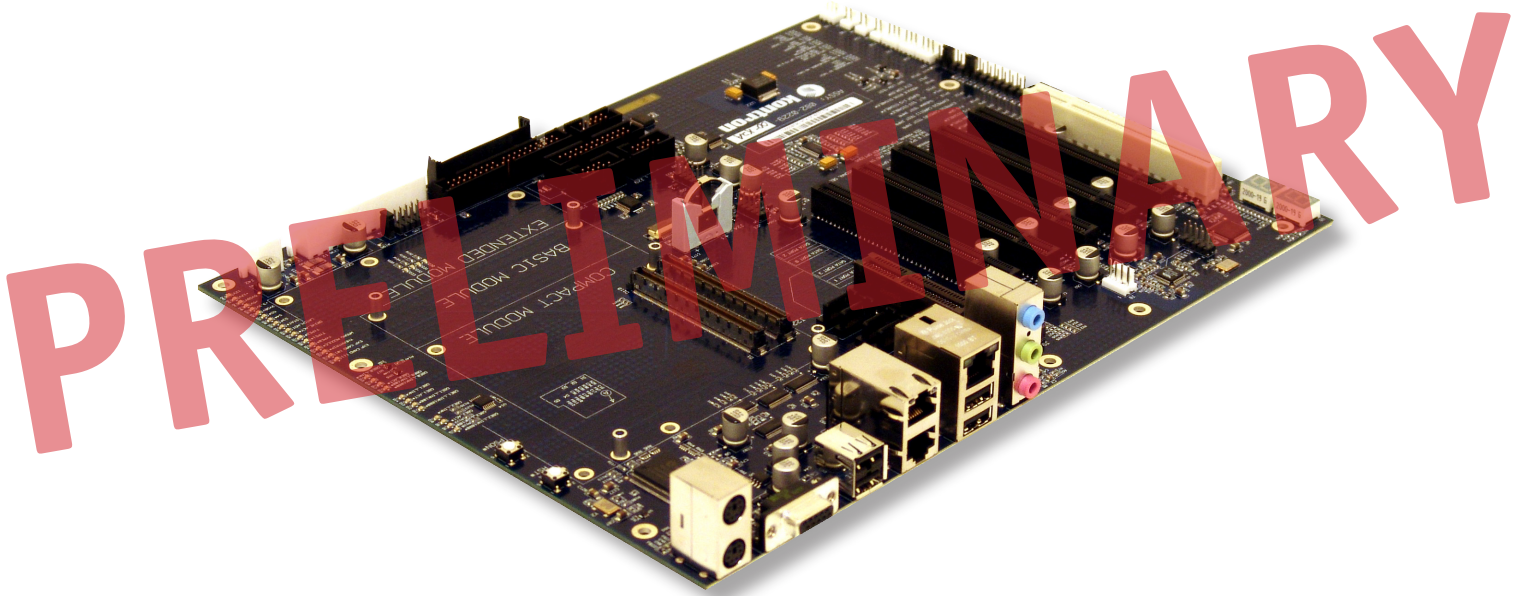


➤ ETXexpress Eval Type 3



➤ Evaluation Carrier Board - Type 3

- For fast development with Pin-out Type 3 ETXexpress modules
- Includes all connectors for a quick start
- Plug & Go with ETXexpress-WPM module

➤ Product Overview

The Kontron ETXexpress Eval Type-3 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 Pin-out Type-3 CPU module, such as the Kontron ETXexpress-WPM, then plug & go.

The Kontron ETXexpress Eval Type-3 is an ATX size carrier board offering new interfaces for PCI Express and SATA in addition to USB 2.0, VGA, Gigabit Ethernet and more. Kontron's ETXexpress family of Computer-On-Modules are fully compliant with the PCI Industrial Computer Manufacturer's Group 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 Kontron ETXexpress format for modules and carrier boards represents a more cost effective replacement to time and resource consuming full custom designs. When developers pair a Kontron ETXexpress module and evaluate it using the Kontron ETXexpress Eval Type 3 carrier board 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:	Other Features
5x PCI Express slots (Electrically, x4 - Physically, x16) 1x PCI	PS/2 mouse and keyboard, 3x Serial Ports, Parallel Port, AC '97, LPC, SMBus 4x GPI, 4x GPO, Super I/O, POST Code LEDs, Socket to Flash Custom BIOS
Harddisk Interface	Form Factor
4x Serial ATA 1x IDE (master & slave, includes CompactFlash socket)	ATX form factor Supports PICMG COM Express pinout "Type 2" and "Type 3" modules Fits ETXexpress "Basic" and "Extended" modules and microETXexpress
VGA Port	Recommended Power Supply
15pos for CRT	Support Standard ATX Conn +12V and +5V
Ethernet	Temperature
3x 10/100/1000Base-Tx (RJ45)	Operation: 0° to 70°C, Storage: -10° to 85°C
LCD Support	Humidity
For LVDS panels via JILI cable	Operation: 10% to 90°C, Storage: 5% to 95% (non condensing)
USB	
8x USB 2.0 ports	

➤ Ordering Information

Article	Part.-No.	Description
ETXexpress Eval Type 3	38200-0000-00-0	Evaluation carrier board for ETXexpress Pin-out Type 3 modules

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