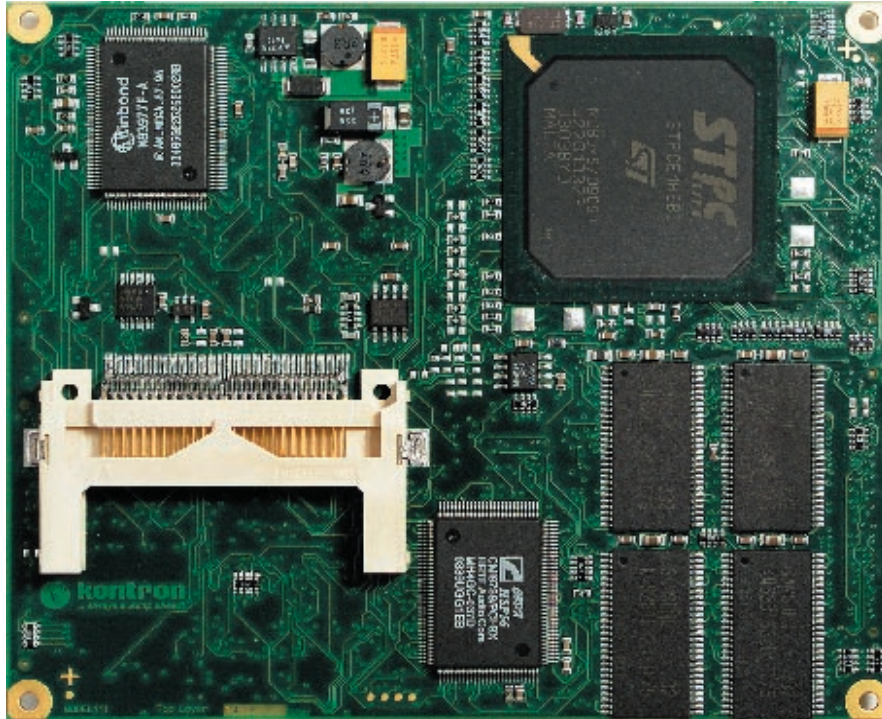# ➤ **ETX-e.lite**

original size

➤ **E**mbedded **T**echnology e**X**tended

- ➤ Extreme low power consumption
- ➤ Best performed for headless application
- ➤ Low-cost module
- ➤ Memory on board (soldered)

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➤ Product Overview

The **ETX**-e.lite (Embedded Technology eXtended) is a highly integrated PC module. The STPC ELITE 100 MHz processor and the chipsets are optimized for ultra-low power with passive cooling solutions. Despite the compact size, the **ETX**-e.lite offers all the standard PC interfaces such as Ethernet and USB. The **ETX**-e.lite can replace a Microcontroller if networking without graphics is required and a fanless alternative is desired. For networking purposes the **ETX**-e.lite comes with a 10/100 Mbit Ethernet controller which allows an easy Intranet/ Internet access. Total connectivity is guaranteed by the huge amount of communication interfaces like 2 serial TTL ports, an EPP/ ECP parallel port, 2 USB ports and the 10/100 Mbit Ethernet. A CompactFlash socket is already mounted on the **ETX**-e.lite and offers you a secure and EMI tolerant boot medium with unlimited media capacity and DMA support.

ETX modules are like components, which plugs into an application-specific baseboard. The **ETX** modules supply the core CPU and memory subsystems together with Ethernet and standard PC I/O interfaces. They connect to the rest of the embedded system through high-density, low profile, surface-mount connectors, which carry both ISA and PCI bus signals as well as dedicated I/O interfaces. The mechanics of the interconnection is such that an ETX/ baseboard combination is virtually the same in height as a one-board solution. **ETX** modules are scaleable and interchangeable, and they make possible the rapid development of semi-custom solutions for embedded applications. Despite the unbelievable variety of functionality, the **ETX**-e.lite is a very inexpensive choice, the cost effectiveness of this device is unbeatable. With this low-cost module, you are

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➤ Technical Information

Processor	
	STPC ELITE 100MHz
SDRAM	
	128 Mbyte on board (soldered)
Bootable Flash Disk (on board)	
	CompactFlash socket
Harddisk	
	two enhanced IDE ports
USB	
	2x USB 1.1
Ethernet	
	10/100 MBit Ethernet
Sound	
	C-MEDIA 8738 PCI-SX (optional)
Serial Interfaces	
	2x TTL (16550 compatible)

Parallel Port	
	shared with Floppy
Floppy Interface	
	shared with LPT
Other Features	
	E²PROM BIOS Setup, LAN Boot, JRC support, I²C Bus (only ext. slaves), Keyboard- and Mouse Interface, Dark Boot, RTC, Watchdog, JIDA Support, Floppy Interface shared on LPT, IrDA enhanced
Low Power Consumption	
	4 Watt @ 5V
Dimensions	
	95 x 117mm
Temperature (*)	
	operation: 0° to 60°C, storage: -25° to 85°C
Humidity	
	operation: 10% to 90%, storage: 5% to 95% (non condensing)

(*) see manual for details

➤ Ordering Information

Article	Part.-No.	Description
ETX-e.lite	18009-3200-10-0	ETX-e.lite with STPC 100 MHz and 32 MByte DRAM, CF socket
ETX-e.lite	18009-2800-10-0	ETX-e.lite with 128 MByte DRAM (upon request only), CF socket
ETXeval	18010-0000-00-0	ATX Baseboard for ETX modules

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