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Find the *Eurotech Zeus ICE* at our website: *Click HERE*

ZEUS ICE

RUGGED SYSTEM FOR WIRELESS DATA ACQUISITION/ROUTING



FEATURES

- XScale PXA270 520MHz CPU RISC Processor
- Embedded Linux / Windows CE OS
- 3G/GPRS/IDEN Connectivity
- GPS location awareness
- 802.11b/g WiFi
- Dual 10/100 Base-Tx Ethernet
- Dual USB
- 3x serial ports

The ZEUS Industrial Compact Enclosure (ICE), designed to accommodate the Eurotech ZEUS low power embedded processor board, is ideal for remote telematic and wireless data acquisition and routing applications.
The ZEUS ICE features a very rugged aluminium construction that is ready to use within a wide range of environments and operating conditions. Powered by XScale PXA270 520MHz CPU, this solution's functionality incorporates industry standard connectors and can be expanded to house an additional PC/104 I/0 module, providing a high degree of flexibility and connectivity.

BENEFITS

- Very rugged design
- Tolerant of demanding industrial environments
- Compact and lightweight
- Low power design

APPLICATIONS

ASSET CONTROL
INDUSTRIAL APPLICATIONS
LOGISTICS
MOBILE TERMINALS
NETWORK COMMUNICATION
CONTROLLERS

Example: Remote control for industrial applications



GENERAL SPECIFICATIONS

CPU	XScale PXA270 520MHz
RAM	SDRAM: 128MB soldered onboard (other memory fits available with custom builds subject to minimum order quantity)
Storage	32 MB Flash (other memory fits available with custom builds subject to minimum order quantity)
Video	Standard DB15 RGB female option
Audio	N/A
Peripherals	Cellular Networks; Optional GPRS/IDEN/3G GPS Dual 10/100 Base-Tx Ethernet 2x USB Ports Serial Ports; 2x RS-232, 1x RS-232/422/485
Expansion capabilities	CompactFlash (CF+) accessible via removable plate Support for MMC/SD/SDIO cards PC/104
Dimensions	238 x 137 x 65mm (9.37" x 5.39" x 2.56") (L x W x H)
Power supply	10 to 30V DC
Operating temperature	-20 to +65°C (without 802.11) 0 to +60°C (with 802.11)
OS Support	Linux Eurotech optimized Kernel Windows Embedded
Certifications	EN 55022 EN 55024

FAQ

What display output options are supported for my application? The ZEUS ICE has VGA via a 15 pin sub - D connector.

Are there any expansion capabilities for I/O? The ZEUS ICE has a built in PC/104 stack that allows for additional cards to add functionality which optionally can be wired to two DB25 connectors on the faceplate.

Does it support automotive applications? The ZEUS ICE has transient protection for automotive applications available for 12 or 24V DC environments.

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