

# ETX-Proto

## ETX<sup>®</sup> Prototype Board with ATX Form Factor



### Features

- Four PCI<sup>™</sup>, three ISA, one MiniPCI<sup>™</sup>
- POST Code Diagnostics
- Secondary Multi I/O
- Disk-On-Chip and CF Card
- Audio Amplifier

### Ordering Information

|           |   |
|-----------|---|
| ETX-Proto | ETX <sup>®</sup> Prototype Board with ATX form factor |
|-----------|---|

### Specifications

#### Core

|                       |  |
|-----------------------|--|
| Core Module Interface | ETX <sup>®</sup> ver 2.7 (3.0)   |
| Board Form factor     | 304.8 mm x 190 mm (ATX)  |
| Expansion Busses      | Four 32-bit PCI <sup>™</sup> slots<br>Three 16-bit ISA slots<br>One MiniPCI <sup>™</sup> slot      |
| POST LEDs             | Onboard diagnostics for BIOS POST codes  |
| IDE Supports          | Four IDE devices (two connectors)  |
| Parallel Port         | One port SSP, ECP, and EEP mode  |
| Serial Port           | Two 16550 compatible RS-232 ports (COM1/2)<br>Two additional ports COM3/4 from secondary multi I/O |
| KB/Mouse Connector    | Two 6-pin mini DIN (on rear I/O panel)   |
| USB                   | Four ports (on rear I/O panel) v1.1 and v2.0 compatible  |
| LAN                   | RJ-45 (on Rear I/O panel)  |
| Audio                 | Line-In/Out, Speakers  |
| Video                 | TV-Out (NTSC, PAL), LVDS 32-bit  |

#### Secondary Multi I/O

|             |   |
|-------------|---|
| FDD         | Up to two floppy drives   |
| Serial      | One 16550 compatible RS-232 ports (COM3), one RS-232/422/485 compatible port (COM4) and one IrDA header |
| Parallel    | Secondary parallel port   |
| Digital I/O | 15-bit digital I/O  |

#### Audio

|      |  |
|------|--|
| Type | Onboard amplifier with Line-In, Speakers and Mic (on rear I/O panel) |
|------|--|

#### Video

|        |   |
|--------|---|
| CRT    | DB25 connector for CRT displays (on rear I/O panel) |
| LVDS   | Onboard header supporting 36-bit LVDS               |
| TV-OUT | Onboard header for PAL/NTSC TV                      |

#### POST Code Display

|          |   |
|----------|---|
| LED      | 2-digit 7-segment LED display           |
| Function | Displays POST (Power On Self Test) code |

#### Power and Operation

|            |                                      |
|------------|--------------------------------------|
| Connectors | ATX and AT (P8/P9) onboard           |
| Switches   | Onboard RESET and onboard ATX switch |

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