

Embedded Planet

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EP440K

The EP440K is a feature-packed EPIC form-factor computer, delivering high levels of performance and reliability in a small and power efficient package. With a complete set of I/O, including audio, video, serial, USB, and CAN, the EP440K is suitable for a large range of applications, including industrial control, gaming, and kiosk applications. For additional expansion, a PCI-104 stackable connector allows inclusion of 3rd party I/O boards.

At the heart of the EP440K is the PowerPC 440GR from AMCC, running at 667 MHz and producing up to 1,334 DMIPS, while consuming approximately 3 W, making it a fanless solution.

All of the board devices are supported by Embedded Planet's software expertise, allowing you to rapidly develop your application on a solid platform.



FEATURES

- AMCC PowerPC 440GR at 667 MHz with 256 MB of DDR RAM, and 128 MB of flash
- 2 10/100 Ethernet ports, 2 software selectable RS-232/RS-485 ports, 4 USB 2.0 Host Ports, and 2 CAN ports
- VGA, LVDS, and TTL video, for resolutions up to 1280 x 1024, 16-bit color, and 4-wire resistive touch screen
- Audio Line I/O and Mic In via 3 standard stereo jack connectors
- ATX connector for full power supply, including LCD backlight and 5V only option for powering board stand-alone
- U-Boot bootloader and complete Linux BSP available. VxWorks and Green Hills INTEGRITY available upon request