

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

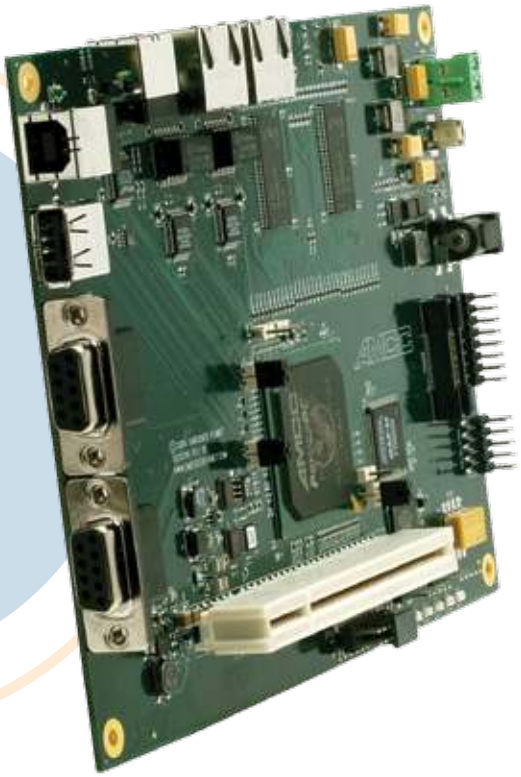
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EMBEDDED PLANET

EP440C

AMCC PowerPC



The EP440C single board computer is a flexible and capable development system for the AMCC PowerPC 440EP and 440GR processors. The EP440C board enables rapid prototyping and development of vertical solutions by combining the power of the AMCC PowerPC 440EP and 440GR processors with numerous expansion and debug options. It includes a PCI slot, serial, USB, and Ethernet interfaces for rapid prototyping of systems using standard peripheral components. In addition a full suite of software including a bootloader, flash programmer, and several operating systems ensures that building a system will be greatly simplified.

The AMCC 440EP and 440GR processors are highly integrated, powerful, and low power PowerPC cores. The 440EP runs at speeds up to 533MHz, while the 440GR can go as high as 667MHz and both include double precision floating point units, DDR memory interfaces, and integrated Ethernet, USB, UART, I2C, SPI, and PCI interfaces. The combination of high performance, integrated peripherals, and low power consumption make the AMCC 440EP and 440GR ideal for embedded industrial, medical, and networking applications

Feature Summary:

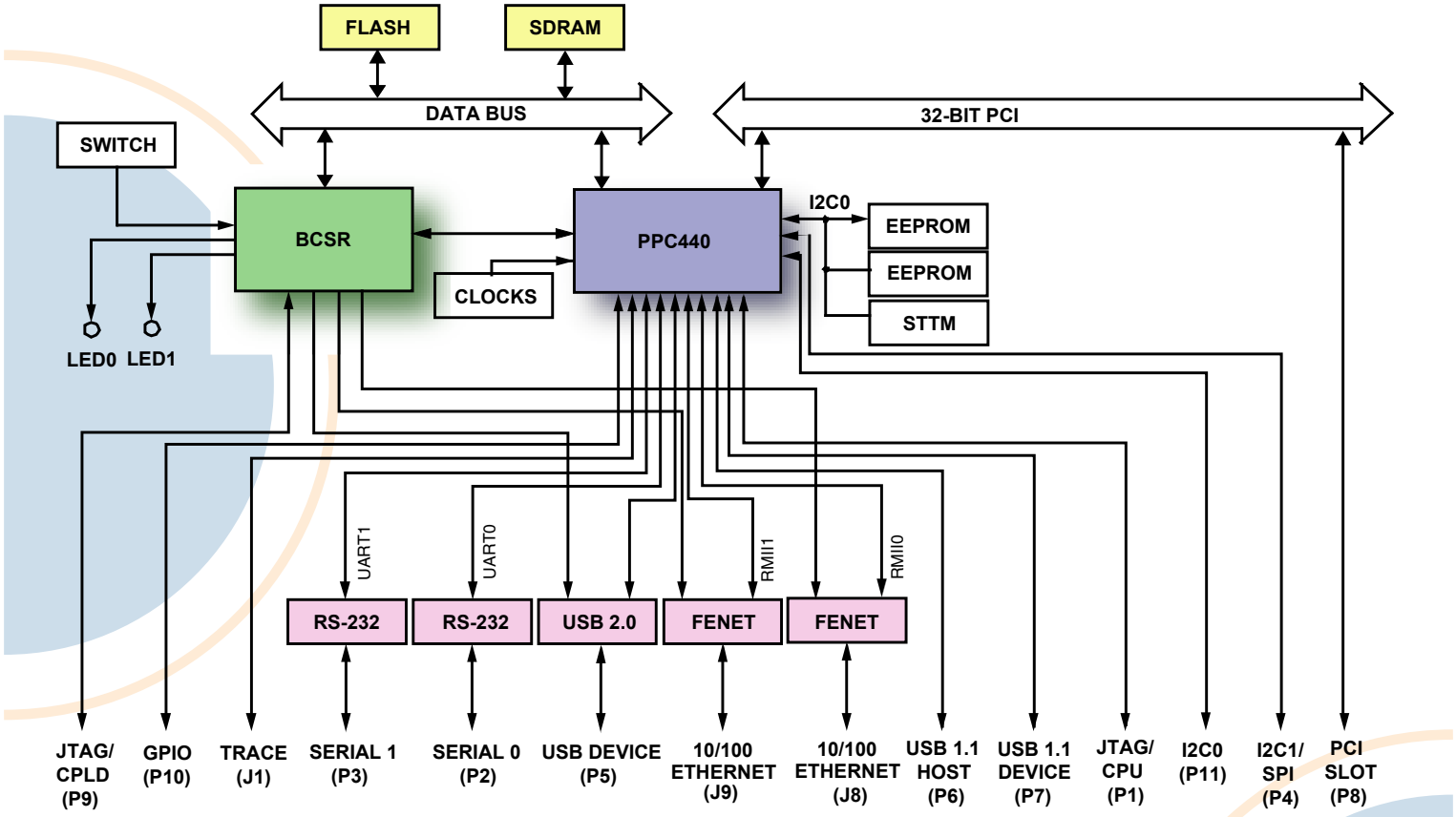
Specification:	Description:
Processor:	AMCC PowerPC 440EP up to 533MHz or 440GR up to 667MHz
Memory:	RAM: 256MB DDR RAM FLASH: 64MB NVRAM: Up to 512kB with Real Time Clock
Ethernet:	2 x 10/100
Serial Ports:	2 x RS-232
USB:	USB 2.0 Device, USB 1.1 Host with 440EP processor
Expansion:	PCI slot, I2C/SPI header
I2C Devices:	Serial EEPROM, Temperature Sensor
Debug:	JTAG and RISCTrace with Mictor Connector for Green Hills Super Trace Probe
Power Supply:	5V Wall Cube
Form Factor:	5(in) x 7(in)

EMBEDDED PLANET

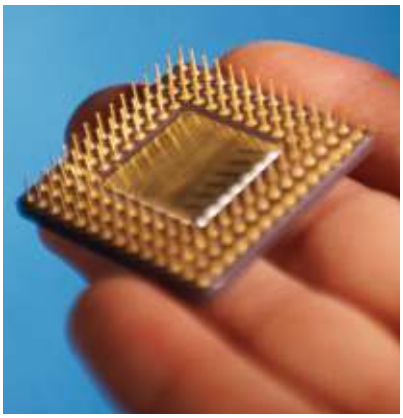
EP440C

AMCC PowerPC

Hardware Block Diagram



Let Us Do The Heavy Lifting



- Embedded Planet offers a complete set of software and hardware services to go along with our Off-the-Shelf solutions.
- Embedded Planet has extensive experience with embedded operating systems and firmware. Our stock configurations of operating systems and firmware can be customized to meet your particular needs.
- We can alleviate the headaches associated with volume production of embedded systems. Your product is delivered 100% tested from an ISO-9002 certified manufacturing facility.
- Our capabilities are available on a project basis to design custom solutions specifically tailored to your application.
- Contact Embedded Planet to find out how we can accelerate your project.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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