**UC-7402 Series**

**RISC-based ready-to-run network computers with built-in web server, dual LANs, PCMCIA, CompactFlash**

- Intel XScale IXP422/425, 266/533 MHz processor
- On-board 128 MB RAM, 32 MB flash
- Dual 10/100 Mbps Ethernet for network redundancy
- CompactFlash socket for storage expansion
- PCMCIA supporting WLAN, GPRS, UMTS, HSDPA
- Ready-to-run Linux platform
- Hardware level data encryption engine supports AES, DES, and 3DES
- SSL, SSH, TLS security function
- Built-in firewall and VPN function
- Apache web server supports PHP and XML
- DIN-rail or wall-mount installation

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**Overview**

The UC-7402 embedded computers are web server network computers that feature dual 10/100 Mbps Ethernet ports, a PCMCIA interface for wireless LAN communication, and CompactFlash for mass storage disk expansion. The UC-7402 computers are an excellent choice for embedded network applications and a variety of machine-to-machine solutions.

The UC-7402 computers are rugged, compact embedded computers designed for industrial applications. Two key design features are low power consumption and fanless operation, which together ensure greater reliability and longer system life. The communication oriented functionality includes both hardware and software. In fact, the software design is ideal for network communication applications, such as connecting to machines and other devices over a network. The UC-7402 computers provide real-time data access, a secure network gateway, and a VPN router. The built-in web server allows the UC-7402 computers to be used as a web-enabled gateway for accessing monitoring and control functions from anywhere on the network.

Since the UC-7402 series provides WLAN 802.11b/g connectivity, both wired and wireless networks can be integrated into one communication system. Users can capture real-time data from the network, and then use the UC-7402 to convert data into various standard formats. Data can be buffered and then distributed to the proper web browser.

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**Typical Application**

![Typical Application Diagram]

- **Backend Host**
- **DB, NAS**
- **Supervisor**
- **HMI**
- **Hub/Switch**
- **Ethernet I/O - ioLogik 2000/4000**
- **IP Camera**
- **NPort Device Server**
- **UC-7402** Computing with VPN/firewall
- **LAN 1**
- **LAN 2**
- **WLAN/GPRS/UMTS**
- **Remote Access**
- **Internet**
Embedded Computing Solutions

Ordering Information

Package Checklist
- UC-7402 computer
- Wall mounting kit
- DIN-Rail mounting kit
- Ethernet cable: RJ45 to RJ45 cross-over cable, 100 cm
- CBL-RJ45F9-150: 8-pin RJ45 to DB9 female console port cable, 150 cm
- Universal power adaptor (including terminal block to power jack converter)
- Document and Software CD
- Quick Installation Guide (printed)
- Warranty Card