



FOR IMMEDIATE  
RELEASE

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**Expansion that's up to you—  
Moxa launches the UC-8416 and UC-8418 embedded computers**

Brea, California, August 1st, 2009—Moxa has rolled out the new UC-8400 series RISC-based communication embedded computers with built-in PCI-104 bus for flexible expansion.

**UC-8400 series models**

- UC-8410 (entry-level version)—already launched in March
- UC-8416 (plus 8 Ethernet switch ports)
- UC-8418 (plus 2 CAN ports and up to 12+12 DI/DO)



**Expansion that's up to you**

The UC-8400 series embedded computers use the Intel XScale IXP435 533 MHz RISC CPU and come with 8 RS-232/422/485 serial ports, 3 Ethernet ports, 4+4 DI/DO channels, a CompactFlash socket, 2 USB 2.0 hosts, and a built-in PCI-104 bus for flexible expansion. The UC-8416 model also provides 8 10/100 Mbps Ethernet switch ports while the UC-8418 features 2 CANbus ports. The built-in 16 MB NOR Flash, 32 MB NAND Flash ROM, and 256 MB DDR2 SDRAM provide enough memory to run your application software directly on the UC-8400 series for data storage. Moreover, the 256 KB SRAM offers improved data retention to avoid data loss. All UC-8400 series computers are FCC Class B certified.

**Linux 2.6 pre-installed**

The UC-8416 and UC-8418 comes with the Linux 2.6 platform pre-installed to provide an open software operating system for software program development. Software written for a desktop PC can be easily ported to the UC-8416 and UC-8418 platform by using a common compiler, without needing to modify the code. This makes the UC-8416 and UC-8418 an optimal solution for use with industrial applications, but with minimal cost and effort.

**Wide temperature feature for harsh environments**

In addition to the standard models, the UC-8416 and UC-8418 are also available in -40 to 75°C wide temperature models for harsh industrial environments.

**Please visit the UC-8400 series product page at**

<http://www.moxa.com/product/UC-8410.htm>

<http://www.moxa.com/product/UC-8416.htm>

<http://www.moxa.com/product/UC-8418.htm>



### **Rcore Ready-to-Run Embedded Software Platform**

All of Moxa's embedded computers come with the operating system pre-installed. In addition, middleware, sample code, and tools are provided to give programmers a user-friendly environment for application development, essentially minimizing the effort for system integration.

### **About Moxa**

Moxa manufactures device networking products for industrial automation. Information about all Moxa products, which include industrial embedded computers, industrial Ethernet switches, serial device servers, multiport serial cards, embedded device servers, and remote I/O solutions, is available on Moxa's corporate website at [www.moxa.com](http://www.moxa.com). You may also contact Moxa directly by email at [info@moxa.com](mailto:info@moxa.com), or by phoning +886 (2) 8919-1230.

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