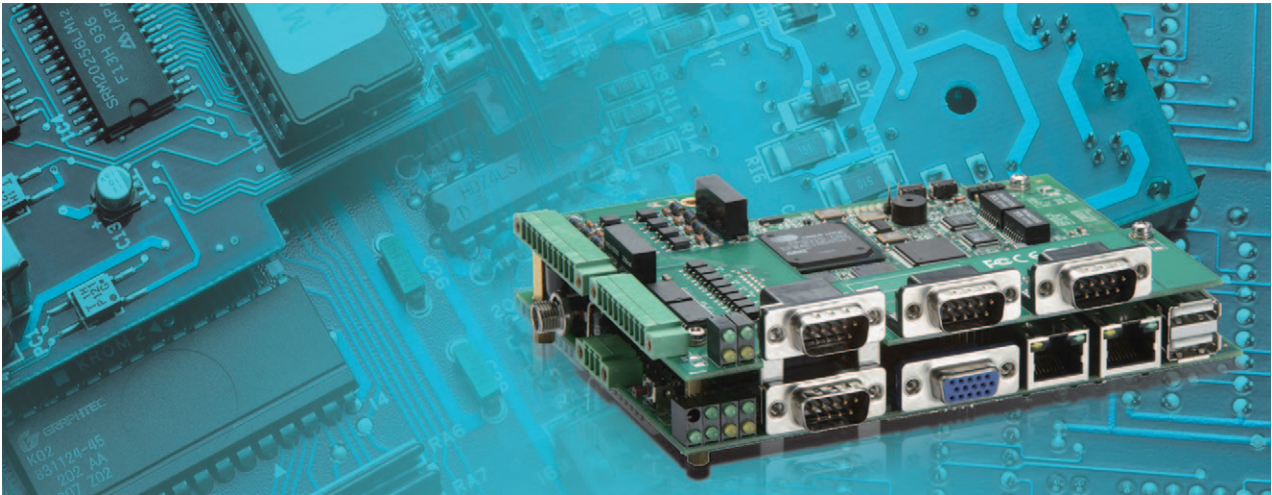


# Modular Embedded Computers



## Reduce Your Time to Market

Moxa's embedded modules are available with the  $\mu$ Linux operating system pre-installed to help you minimize your system development time. In addition, the compact, all-in-one design provides all the

components you need to get your products to market in no time—CPU, RAM, Flash, and even more complex components, such as an OS kernel, drivers, and middleware.

## Easy-to-use Development Kit

The embedded module development kit is an invaluable tool for testing and evaluating Moxa's embedded modules. The kit can be ordered separately, and includes an embedded module, embedded module carrier board, relevant documents, a software CD, and the items needed to set up a basic layout. The kit makes it easy for users

to evaluate the functionality of the embedded modules. Use the development kit to develop and integrate your specific hardware in advance to guarantee that the embedded modules fit seamlessly into your industrial systems and applications.

Model Name	Serial Ports	LAN Ports	GPIO	Storage			OS			Wide Temp.
	RS-232/422/485	10/100 Mbps		CF	SD	USB	CE	Linux	$\mu$ Linux	
EM-1220	2	2	10	–	✓	–	–	–	✓	✓
EM-1240	4	2	10	–	✓	–	–	–	✓	✓
EM-2260	4	2	8 DIs, 8 DOs	✓	–	–	✓	✓	–	–

## Product Spotlight

### EM-1220/1240 Series



- MOXA ART ARM9 32-bit 192 MHz processor
- 16 MB RAM, 8 MB flash disk on-board
- 2 RS-232/422/485 serial ports (EM-1220 model)
- 4 RS-232/422/485 serial ports (EM-1240 model)
- Dual 10/100 Mbps Ethernet and SD socket
- Ready-to-run  $\mu$ Linux Kernel 2.6 platform
- Built-in RTC, buzzer
- 10 GPIOs reserved for system integration
- Full-function development kit for quick evaluation and application development
- -40 to 75°C wide temperature model available



### EM-2260 Series

- Cirrus Logic EP9315 ARM9 CPU, 200 MHz
- 128 MB RAM on-board, 32 MB flash disk
- Graphical interface for external VGA output connection
- 2 KV optically isolated RS-232/422/485 serial ports
- Dual 10/100 Mbps Ethernet for network redundancy
- 8 DI and 8 DO channels
- Supports CompactFlash and USB 2.0 hosts
- Ready-to-run WinCE 6.0 or Linux platform
- Full-function development kit for quick evaluation and application development