

# RISC-based Wallmount Embedded Computers



## Overview

UC series computers include multiple connection options for data communication, such as serial ports, PCMCIA, SD, DI/DO, and USB hosts. These products work well as front-end controllers for

demanding applications including data acquisition, data computing, and protocol conversion.

## RISC-based Processor for Optimal Solutions

UC Series computers all come with RISC-based processors, offering the most cost-effective solutions for building various industrial applications.

Model Name	Serial Ports	CAN Ports		LAN Ports	Storage		DI/DO	Switch	OS		Wide Temp.
	RS-232/422/485	No. of Ports	Optical Isolation	10/100 Mbps	CF	USB	30 VDC		CE	Linux	
UC-8410	8	–	–	3	✓	2	4/4	–	✓	✓	✓
UC-8416	8	–	–	3	✓	2	4/4	8	✓	✓	✓
UC-8418	8	2	2 KV	3	✓	2	12/12	–	✓	✓	✓
UC-8430	8	–	–	3	✓	6	4/4	–	✓	✓	✓

Model Name	Serial Ports	LAN Ports	Storage		OS			Wide Temp.
	RS-232/422/485	10/100 Mbps	SD	USB	CE	Linux	µClinux	
UC-7101	1	1	✓	–	–	✓	✓	✓
UC-7110	2	2	–	–	–	✓	✓	✓
UC-7112	2	2	✓	–	✓	✓	✓	–
UC-7122	2	2	✓	1	–	–	✓	✓
UC-7124	4	2	✓	1	–	–	✓	✓

Model Name	Serial Ports	LAN Ports	PCMCIA	Storage		DI/DO	OS	Wide Temp.
	RS-232/422/485	10/100 Mbps		CF	USB	3.3 VDC	Linux	
UC-7402 Plus	8	2	✓	✓	1.1: 1 2.0: 2	–	✓	–
UC-7408 Plus	8	2	–	–	1.1: 1	–	✓	–
UC-7410 Plus	8	2	✓	✓	1.1: 1	8/8	✓	✓
UC-7420 Plus	–	2	✓	✓	–	–	✓	–

## Product Spotlight



### UC-8430 RISC-based wallmount embedded computer

- Intel XScale IXP435 533 MHz processor
- Dual VGA displays
- 8 RS-232/422/485 serial ports, 3 10/100 Mbps Ethernet Ports
- 6 USB, 4 DIs, 4 DOs
- -40 to 75°C wide temperature model available