

CU2000 series

Compact, low-power embedded controller with front access



Main Features

- **Small Size, Low Power Consumption**
Equipped with RICOH IT9 Mini-ITX Motherboard supports 6th Generation Intel® Processors
 - **Extensibility**
Supports 2-PCI Express × 8 slots although small shape
 - **DC Input Power**
Requires 24V Single DC Input Power
 - **Serviceability**
Optional 2-Removable 2.5 inch Drives, or Hardware RAID
- * These and 1-PCI Express slot or 2.5 inch Internal Storage are exclusive

CU2000 Series Product Specifications

CPU		Intel® Core™ i7 6820EQ (2.8GHz, Cores/Threads=4/8) Intel® Core™ i5 6440EQ (2.7GHz, Cores/Threads=4/4) Intel® Core™ i3 6100E (2.7GHz, Cores/Threads=2/4) Intel® Celeron® G3900E (2.4GHz, Cores/Threads=2/2)
Memory		DDR4-1866/2133 Max.Capacity : 16GB
Storage	Internal drive bay	1 × 2.5-inch HDD (SSD) *1
	Removable drive bay	Optional : 2 × 2.5-inch HDD (SSD) *1
	mSATA	1port
External Interface	USB3.0	4ports
	USB2.0	2ports
	Ethernet	GbE : 2ports
	Graphics	DVI-D : 1port Analog-RGB : 1port
	Serial	RS-232C : 2ports
	Audio	Line-IN, Line-OUT
Expansion Slot		PCI Express × 8 (Gen 2) : 2slots *1
Hardware RAID		Optional *2
Switch/LED	Switch	Power, Reset
	LED	Power, HDD
Input Power		DC24V ± 10%
Operating Temperature		0 °C to 50 °C *3
Dimensions (W × H × D)		186mm × 114mm × 250mm
Supported OS		Windows® 10 IoT Enterprise (64bit) Windows® Embedded 8.1 Pro (64bit) Windows® Embedded 8.1 Industry (64bit) Windows® 7 Ultimate for Embedded System (32bit/64bit) Windows® 7 Professional for Embedded System (32bit/64bit) Windows® Embedded Standard 7 (32bit/64bit)

*1 1 × Expansion slot and Removable drive bay are exclusive. Internal drive bay and Removable drive bay are exclusive.

*2 Supports Hardware RAID system with two removable drive bay.

*3 At the time of use of HDD, the lower limit of the operating temperature depends on the specifications of HDD.