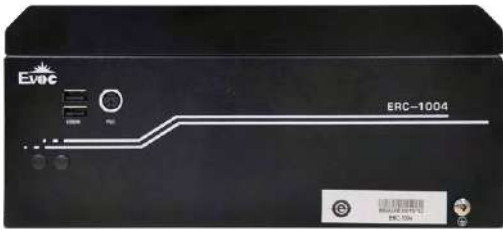


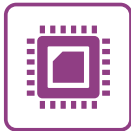
ERC-1004C

Special Controller for AFC System

ERC-1004C is a multi-serial port multi-display fanless embedded complete PC, which is specially designed for the application of terminal equipment main control unit of the metro AFC system. The complete PC has a compact structure, reasonable internal layout and rich I/O and expansion ports, and can be widely used in terminal equipment main control units of automatic gate machines (AGM), ticket vending machines (TVM) and booking office machines (BOM) of metro AFC system.



Product Features



High-performance processor



Onboard memory



Free combination to quickly meet different needs

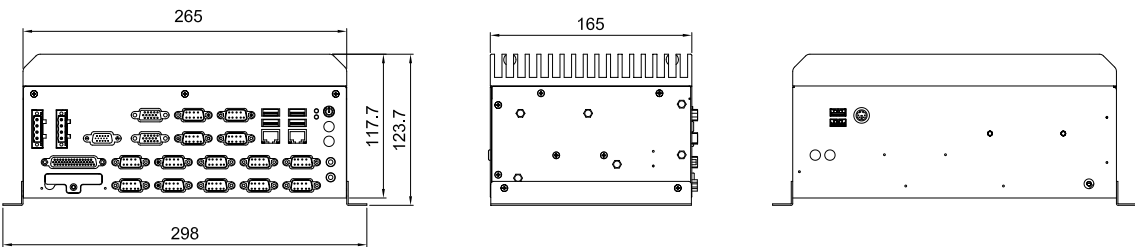


3 × Gigabit LAN port



3 × VGA display port

Product Dimensions Drawing



(Please refer to the user manual to check detailed specifications and dimensions) (unit: MM)

Product Specifications

Item		Description
System Configuration	Processor	Support 6th/7th/8th Gen Intel® Core™ I3/I5/I7 series; support 9th Gen Intel® Core™ I3/I5 series
	Chipset	C236
	Memory	Onboard 8GB DDR4 memory, plus a 260 Pin SO-DIMM memory slot for memory expansion (up to 40GB)
Display	VGA	Provides 3 VGAs and support combined three-display: VGA1 (resolution 1920×1080), VGA2 (resolution 1920×1080) and VGA3 (resolution 1920×1080)
I/O port	LAN port	2 × 10/100/1000Mbps RJ45 LAN port; LAN1 supports LAN wake-up 1 × 10/100/1000Mbps RJ45 LAN port (optional)
	Serial port	14 × RS232 serial port: COM1-COM4 supports RS232/422/485 mode setting; COM5-COM14 supports three-wire RS232 serial port (with isolation)
	USB	2 × USB2.0, 4 × USB3.0, supporting USB boot operating system
	PS/2	1 × PS/2
	GPIO	32-channel GPIO port
	Audio	1 group of audio ports, supporting MIC-IN/LINE-OUT
	Antenna	2 x antenna hole
Switches and Indicator Lights		1 × power switch button, 1 × power status indicator and 1 × hard disk status indicator
Storage		1 × CFast card slot, 1 × mSATA port, and 1 × 2.5-inch SSD bay (mSATA or SSD optional)
Expansion Bus		1 × MiniPCIe expansion slot; 1 × SIM card slot; 1 × PCI slot (optional)
Operating temperature		-20°C~+70°C
Storage Temperature		-40°C~+80°C
Constant Damp Heat		Temperature 40°C, relative humidity 95% (non-condensing)
Power supply		Wide voltage DC9~36V input, supporting power wake-up function
Dimensions		265mm (W) × 117.7mm (H) × 165mm (D) (Excluding Tripod)

Ordering Information

Part No.	Model	Description
0010-179531	ERC-1004C-8G	ERC-1004C complete PC/equipped with I5-6500T 2.50 GHz processor/onboard 8G memory/128G SSD/14 × serial port (including 10 × RS232, with isolation)/6 × USB port/3 × VGA/32-channel GPIO/2 × LAN port/1 × PS/2 × port/1 group of audio port/DC 9~36V input

Optional Accessories

Category	Part No.	Description	Material Description	Function Description
IO Module	1090-015951	pinboard (PCBA)/ROHS	EB-X1-010B	1PCI+1LAN (Gigabit) optional. The front panel needs to be customized

Note: EVOC Intelligent reserves the right to final interpretation of product specifications and ordering information etc.