

ERC-1005

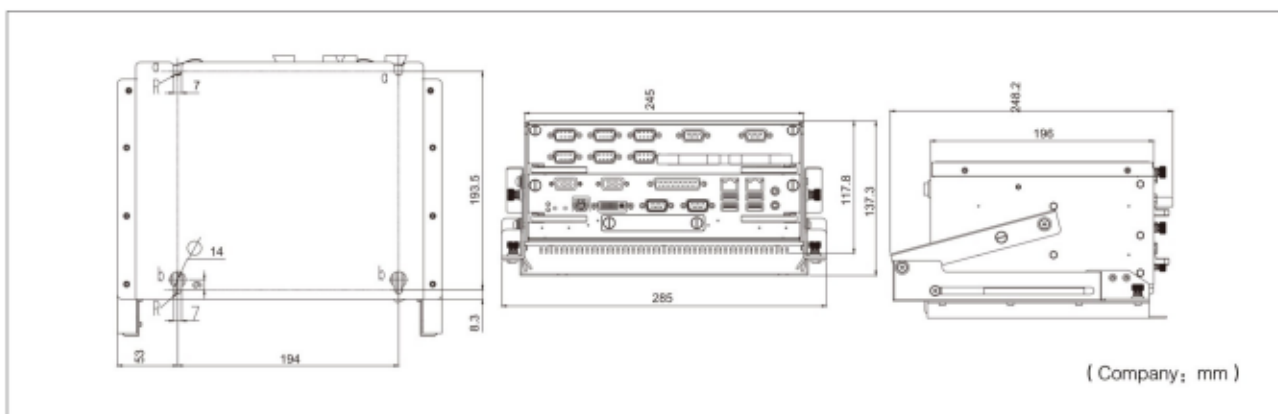
Modular design fanless embedded PC



Features:

- ◆ Onboard Intel® ATOM™ D525/N455 processor;
- ◆ 10 x COM port, dual VGA+LVDS display; 32-channel GPIO (16-channel isolated; 16-channel non-isolated);
- ◆ 2 x 1000Mbps RJ45 network port (one supports Wake-On-LAN);
- ◆ Supports DC 12V 24V input, to meet power supply requirements of different users;
- ◆ The system structure deploys flexible modular design: functional modules can be replaced to meet more requirements;
- ◆ Adopts pin hole connectors, which ensures high reliability;
- ◆ Equipped with a flexible installation bracket, or a 90° swivelable support, which facilitates user maintenance.

Product size chart



Specifications

System	Processor	Onboard Intel® ATOM™ D525 1.8GHz/N455 processor 1.66GHz
	Chipset	ICH8M
	Memory	Onboard DDRIII 2GB memory(Max to 2GB)
Display	VGA	2 x VGA port(VGA1: resolution 2048 x1536;VGA2: resolution 1280 x 800)
	LVDS	1 x single LVDS(DVI) resolution1280 x 800
I/O ports	LAN port	2 x 10/100/1000Mbps RJ45 LAN port, LAN1 support Wake-On-LAN
	COM port	10 x RS-232 COM port, three of them are RS-232/422/485 port
	LPT	1 x LPT
	USB	6 x USB2.0
	PS/2	1 x KB/MS
	GPIO	32-channel GPIO(among them, 16-channel is GPIO isolation)
	Audio	One group of audio ports, supporting MIC-IN/LINE-OUT
CF	1 x CF	
Expansion bus	1 x PCI-104 expansion bus	
Operating Temperature	-20°C ~ 65°C; (CF/DOM)	
	-5°C ~ 40°C(mechanical HDD)	
	-5°C ~ 50°C(Monitoring level mechanical HDD) 5%~90% 40°C (non-condensin)	
Storage Temperature	-40°C ~ 60°C; 5%~90% 40°C (non-condensing)	
Power	Input DC24V(12V-24V), AC100-240V power adapter(optional)	
Dimensions (W x H x D)	245 mm x 117.8 mm x 196 mm	

Ordering Information

Part Number	Model Number	Description
0010-041921	ERC-1005-01	Low power fanless embedded PC/ATOM N455 1.6G/2G memory/10 x COM port/1 x LPT/1 x PS/32-channel GPIO/2 x VGA/1 x LVDS/2 x LAN port/one group of Audio ports/6 x USB/4G CF/DC12-24V input/90° swivelable support
0010-041931	ERC-1005-02	Low power fanless embedded PC/ATOM D525 1.8G/2G memory/10 x COM port/1 x LPT/1 x PS/32-channel GPIO/2 x VGA/1 x LVDS/2 x LAN port/one group of Audio ports/6 x USB/4G CF/DC12-24V input/90° swivelable support
0010-044381	ERC-1005-04	Low power fanless embedded PC/ATOM D525 1.8G/2G memory/10 x COM port/ 1 x LPT/1 x PS/32-channel GPIO/2 x VGA/1 x LVDS/2 x LAN port/one group of Audio ports/6 x USB/500G Monitoring level HDD/DC12-24V input/90W power adapter