

i5 EMBEDDED BOX PC



It adopts all-aluminum alloy structure, fanless and totally enclosed design, light and compact, with low power consumption. It is an industrial product specially designed for a variety of environments. It has rich interfaces, supports expansion, can meet the access of a variety of external devices, and supports 12V-36V wide voltage power supply; The complete machine has good scalability, practicability and EMC compatibility, and is widely used in industrial control, military industry, communication, power and network and other automation fields.

- » Delicate and compact appearance, convenient installation
- » Self-developed X86 architecture motherboard with multiple options
- » Fanless totally enclosed design, low power consumption of the whole machine
- » High integration, realizing WiFi/Bluetooth/Ethernet triple connection
- » Abundant interfaces to meet the needs of various external equipment
- » Industrial protection grade, stable system operation



FAN LESS DESIGN



INDUSTRIAL GRADE



DIN RAIL MOUNT



ZERO NOISE



WIDE VOLTAGE
RANGE



24x7 HOURS
STABLE OPERATION



HIGH & LOW
TEMPERATURE
RESISTANCE



4G MODULE
(OPTIONAL)



TECHNICAL PARAMETER

Hardware Configuration				
CPU	I5-6200U, 2.3GHz	I5-7200U, 2.5GHz	I5-8265U, 16GHz	I5-10210U, 1.6GHz
Integrated Graphics	HD Graphics 520	HD Graphics 520	HD Graphics 620	Ultra HD Graphics 620
Memory	4G DDR4 (8G/16G)	4G DDR4 (8/16/32G)	4G DDR4 (8/16/32G)	8G DDR4 (16/32/64G)
Hard disk	64GB SSD(optional SSD 128GB-512GB, HDD 500GB-1T)			
WIFI	Support 2.4G/5G dual-band WiFi			
Bluetooth	Bluetooth 4.0(optional)			
System	WIN10/11, Ubuntu14.04.6/16.04.7/18.04.5/18.04.6/20.04.1/20.04.3/20.04.4/22.04/Centos7.8/8.4/7.9			
Audio chip	Onboard Realtek ALC662 HD audio decoding controller			
Chip card	Onboard 1 * Realtek RTL 811E Gigabit network card			
Interface Parameters				
Power key	1 x Power			
Power interface	1 x DC [5.5*2.5mm] Supporting wide voltage 12V-36V power supply			
USB	4 x USB 2.0, 2 x USB 3.0			
Network interface	2 x LAN, 10M/100M/1000M adaptive Ethernet			
HDMI	1 x HDMI, Supporting HDMI data output, Up to 4K			
SIM	1 x SIM, Supporting various formats (Depending on 3G/4G module)			
VGA	1 x VGA			
Audio interface	1 x Audio Out, Support Audio output			
COM	6 x COM (default: RS232, optional: RS485)			
WiFi antenna	2 x WiFi antenna			
Grounding column	1 x Grounding post (GND)			
Reliability Parameters				
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis			
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms			
Working temperature	-10 °C ~60°C			
Storage temperature	-20 °C ~70 °C			
Operating humidity	Humidity: 95% non condensing			
EMC & Ingress Protection				
Power input	12V-36V power input			
Static power	15W			
Chassis structure	The aluminum alloy on the case surface has good seismic resistance and impact resistance			
Body color	Gun black			
Overall size	199.5 * 213.1 * 58.3mm (length * width * height)			
Operating Weight	1.9KG			
Installation method	Support desktop and rack installation			
Product certification	CCC/CE/FCC/EMC/CB/ROHS			



SELECTION TABLE					
QTT-BPC	X	X	X	X	
PROCESSOR	i3				Intel core i3 Processor
	i5				Intel core i5 Processor
	i7				Intel core i7 Processor
RAM		4			4 GB RAM
		8			8 GB RAM
		16			16 GB RAM
		32			32 GB RAM
		64			64 GB RAM
STORAGE			1S		128 GB SSD
			2S		256 GB SSD
			5S		512 GB SSD
			1T		1 TB SSD
GENERATION				6G	6 TH GENERATION
				7G	7 TH GENERATION
				8G	8 TH GENERATION
				10G	10 TH GENERATION

DIMENSIONS

