

IPC-BC2K600

14th/13th/12th Gen. Intel® Core™ Processors Box PC



Specifications

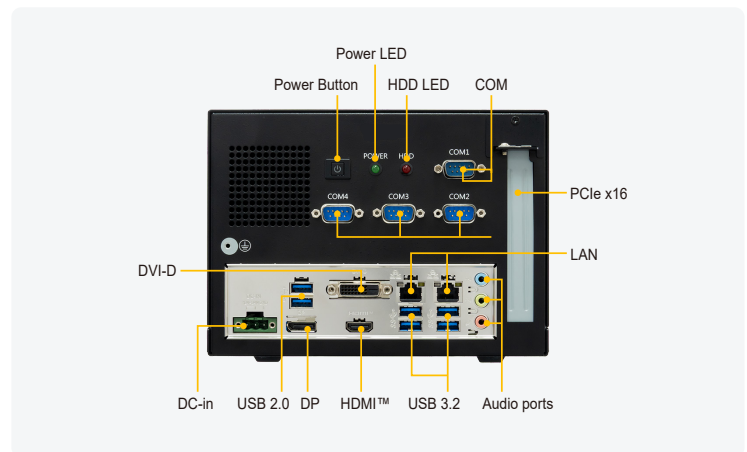
System	
CPU Support	Intel® Core™ i9-14900/T, 13900TE/E, 12900TE/E i7-14700/T, 13700TE/E, 12700TE/E i5-14500/T, 13500TE/E, 12500TE/E i3-14100/T, 13100TE/E, 12100TE/E Pentium® G7400TE/E Celeron® G6900TE/E (TDP 35W/65W)
Chipset	Intel® Q670E / H610E PCH
Graphics	Intel® UHD Graphics 770 (Core™ i9/i7/i5) Intel® UHD Graphics 730 (Core™ i3) Intel® UHD Graphics 710 (Pentium® / Celeron®)
Memory Support	2 x DDR5 SODIMM 5600MHz or DDR4 SODIMM 3200MHz (depending on model) up to 64GB, non-ECC
Storage	2 x SATA for 2.5" SSD/HDD (RAID 0/1 supported - Q670E only)
TPM	TPM 2.0
Watchdog	1~255 seconds watchdog timer selectable
FAN	1 x System Fan(4-pin wafer with Smart Fan function) 1 x CPU Fan (4-pin wafer with Smart Fan function)
Power Input	3-pin terminal block DC-In 12V/24V power connector
Grounding	1 x M3 grounding hole
System Weight	3 kg
Dimensions (W x H x D)	200 x 145 x 200 mm
Certifications	CE, FCC
Operating System	Windows® 11 IoT Enterprise LTSC 2024 Windows® 10 IoT Enterprise LTSC 2021 Linux (Ubuntu 22.04 LTS)
Front I/O	
USB	4 x USB 3.2 2 x USB 2.0
Serial Ports	4 x COM ports COM1/2: RS-232/422/485 COM3/4: RS232
Ethernet	2 x RJ45 2.5GbE LAN Ports (Intel® I226) Wake-On-LAN / PXE supported
Display	1 x HDMI™ 1 x DisplayPort 1 x DVI-D
Audio	1 x Mic-in 1 x Line-in 1 x Line-out
LED	1 x Power LED 1 x HDD LED
Power On/Off	1 x Power Button
Expansion Slots	
PCIe	1 x PCIe x16
M.2	1 x M.2 2242/3042/3052 B Key (Q670E) 1 x M.2 2230 E Key
Environment	
Operating Temperature (Ambient with airflow)	0°C~40°C (32°F~104°F)
Storage Temperature	-20°C~60°C (-4°F~140°F)
Humidity	20%~90% (non-condensing)



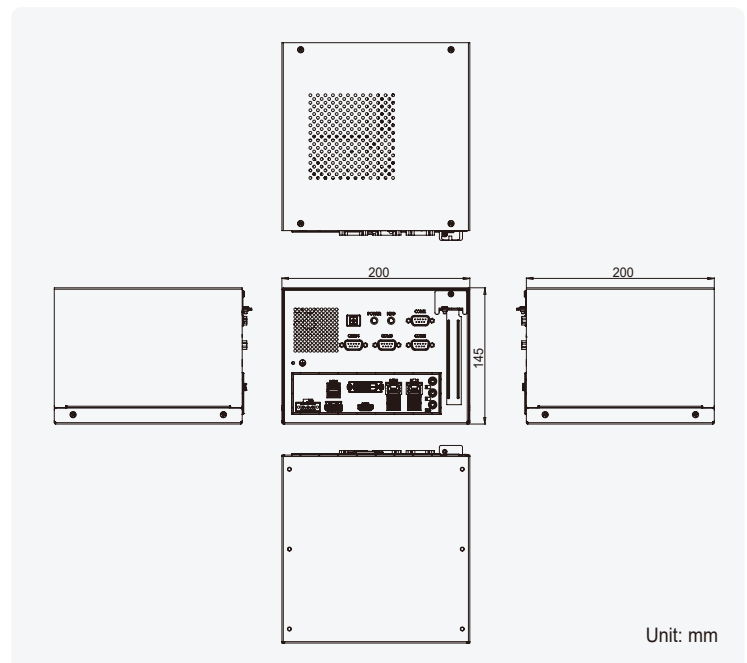
Features

- Intel® 14th/13th/12th Gen. Core™ i9/i7/i5/i3 and Pentium®/Celeron® processors
- Optional Intel® Q670E / H610E PCH
- Front-accessible I/O: 6 x USB, 4 x COM, 2 x LAN
- Multiple display outputs: 1 x HDMI™, 1 x DisplayPort, 1 x DVI-D
- Expansion slots: 1 x PCIe x16, 1 x M.2 B-Key (Q670E only), 1 x M.2 E-Key

I/O Port



Dimensions



Application

- Factory Automation
- Edge Computing
- Retail Applications



* All information contained in this document is subject to change without prior notice. Please log on www.antcomputer.com to acquire latest information. For detail mechanics drawing, please contact our sales.