

Fanless Box Computer

IVTK-BC-3601-T001

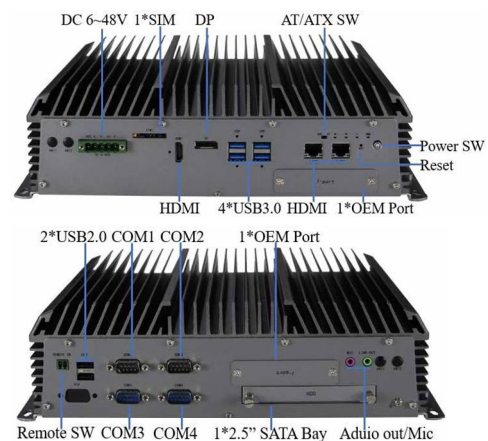
Intel® Skylake-S/Kabylake-S Core I3/I5/I7 CPU, 2*LAN, 4*USB3.0, Dual 4K display, 4*COM, DC-IN 6~48V, 2*OEM Ports.



IVTK-BC-3601-T001 is a high performance Box Computer with aluminum chassis and fanless design. It is powered by the Intel® Skylake-S/Kabylake-S CPU and DDR4 2133/2400MHz dual channel memory, up to 32GB. It features gen.9th Intel HD Graphics, DP1.2 and HDMI1.4b dual 4K display, 2*Intel Giga. LAN, 4*USB3.0, 1*Mini PCIe which support 4G LTE/Wifi/BT, 1*M.2 2242 B-Key, 2*2.5" SATA HDD/SSD support Raid0/1. With DC 6-48V wide power input, high performance, multi I/O and multi-storage, it is fit for Intelligent Transportation (ITS), CNC and Machine Vision.

Key Features

- Large aluminum chassis, fanless design
- Intel® Kabylake-S/Skylake-S Core I3/I5/I7 CPU 2*DDR4 2133/2400MHz SODIMM, Up to 32GB
- 1*DP, 1*HDMI, dual 4K display
- 2*LAN, 4*USB3.0, 3*USB2.0, 4*COM
- Audio out and Mic
- 1*Mini PCIe (PCIe+USB), 1*M.2 2242 B-Key
- 1*mSATA, 2*2.5" SATA, support Raid0, 1 2*OEM Ports, Easy to customize extension DC 6~48V
- Wide Power Input



SPEC.

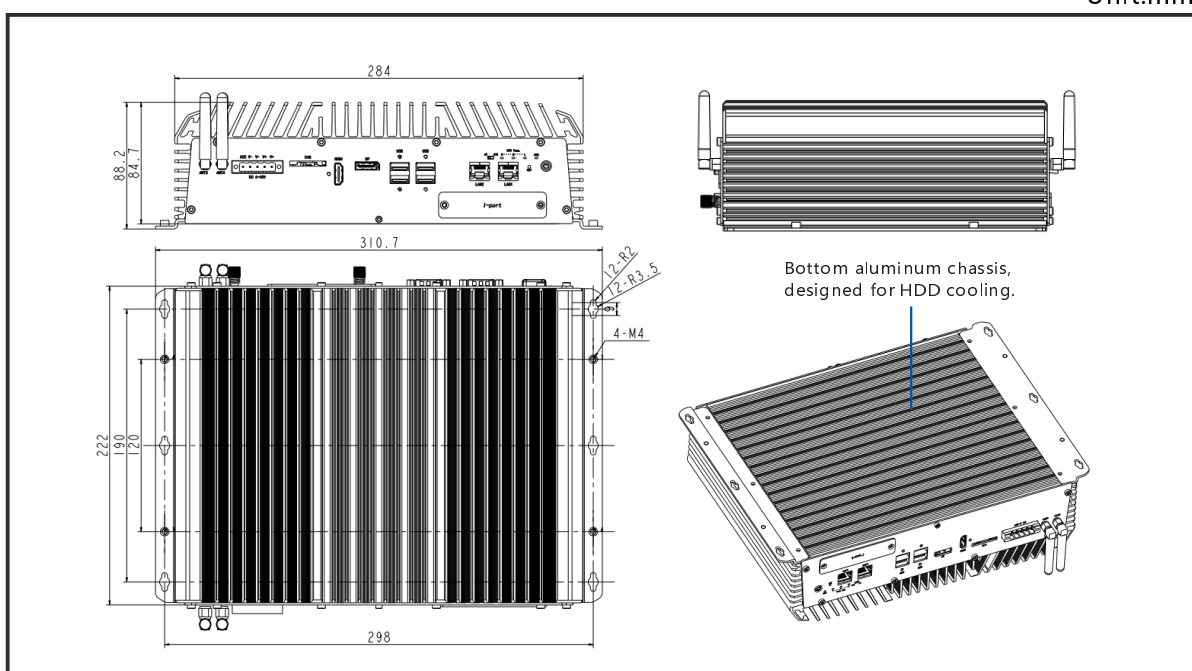
System	CPU	Gen. 6th Intel® Skylake-S/gen.7th Intel® Kabylake-S Celeron/Pentium/Core I3/I5/I7 CPU, LGA 1151 socket, suffix T(TE), TDP 35W
	Chipset	Intel® H110
	System Memory	2*260-Pin SODIMM, dual channel DDR4 2133/2400MHz, up to 32GB
	Expansion	1*Full size Mini PCIe (PCIe+USB) with SIM slot, 1*M.2 2242 B-key (SATA3+USB) 1*Full size mSATA (SATA3+USB), support 4G LTE and Wifi/BT
	Graphics	Gen. 9th Intel® HD Graphics, HEVC/H265 HW HD en/decoder, DP1.2 max. res. 4096*2304@60Hz, HDMI1.4b max. res. 3840*2160@30Hz, support dual independent display
	Audio	Realtek ALC662VD controller, Audio out and MIC
	LAN	2*Intel I210AT PCIe Giga. Ethernet
	Storage	2*2.5" SATA HDD/SSD bay, cooling by aluminum chassis; 1*mSATA; 1*M.2 2242 B-key
	DIO	Optional 16-bit DIO, Programmable input and output
	I-port	Optional 1*LPT, 16-bit DIO, 1*USB2.0, 1*PS/2 or Mini PCIe, M.2 I/O ports (such as serial ports)
	I/O ports	2*RJ45 Gig-LAN (Front) 4*USB3.0 Type A (Front); 2*USB2.0 Type A (Rear), 1*USB2.0 Type A (Inside) 2*RS232/422/485 DB9 (Rear), 2*RS232 DB9 (Rear) 1*Audio-out and 1*MIC, 3.5mm phone jack (Rear) 1*HDMI + 1*DP
	LED	1*Power LED, 1*HDD LED, 3*CPU term. LED (Red is warning, Yellow is high, Green is normal)
	Control SW	1*Power button, 1*Reset button (Front); 1*2pin ter. power-on signal (Rear), 1*AT/ATX Select dip (Front)
	Power Supply	DC 6~48V Input, 5-pin ter. (Front), Consumption: TBD
Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second	
OS Support	Windows 7, Windows 10, Linux Fedora Ubuntu	

* All specifications and photos are subject to change without notice.

Mechanical	Structure	Large U form aluminum chassis, SGCC frame
	Color	Silver
	Mounting	Desktop Mounting
	Dimension	(W*H*D) : 284*222*84.7mm
	Net weight	4.65kg
Environmental	Operating temperature	-20°C ~ 65°C – Fanless, 35W CPU with wide operating temp. SSD, airflow -10°C ~ 55°C – Fanless, 35W CPU with HDD, airflow
	Storage Temperature	-40°C~85°C
	Storage Humidity	10~90%@40°C, Non-condensing
	Vibration	5 grms/5~500Hz/ random/in working(SSD); 1 grms/5~500Hz/random/in working(HDD)
	Shock	50g peak acceleration(1ms duration)(SSD); 20g peak acceleration(1ms duration)(HDD)
	Certification/EMC	CE/FCC Class A

Dimension

Unit:mm



Ordering Info.

Model No.	Introduction
IVTK-BC-3601/T001	Fanless Box Computer, Intel® H110+SKL/KAL-S LGA1151 CPU, 2*LAN, 4*USB3.0, 3*USB2.0, 4*COM, 1*M.2, 1*Mini PCIe, 1*HDMI, 1*DP, Audio, 2*I-port, 2*2.5" SATA bay, 1*mSATA, DC 6~48V
IVTK-PA-120DC19	AC/DC power adapter, DC 19V/6.32A 120W

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