

Fanless Embedded Box Computer

KMDA-3802

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Aluminum Alloy Chassis, Intel® Braswell N3000, 4*PCI/PCIe, 2*LAN, 4*USB3.0, 4*COM

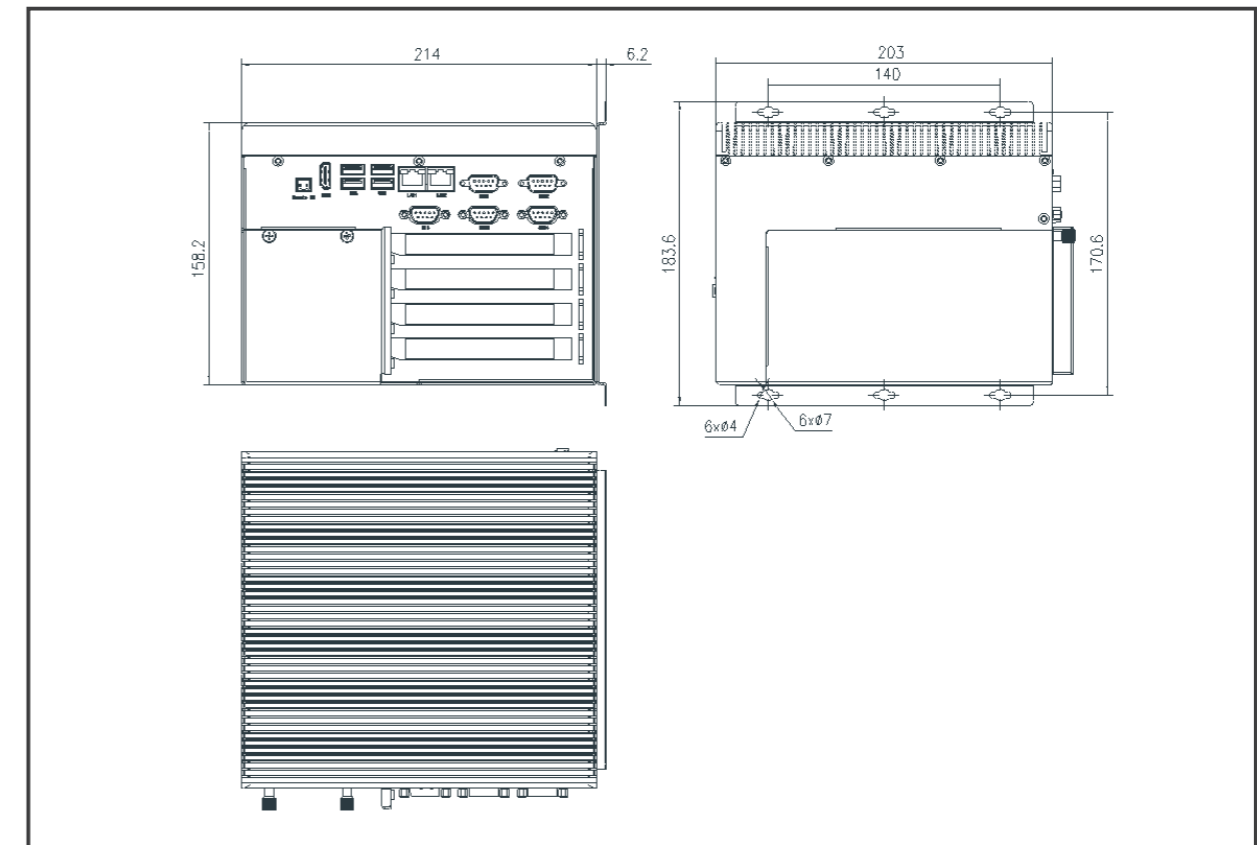


Key Feature

- Aluminum chassis, fanless design
- Intel® Braswell N3000 CPU
- 1*DDR3L 1600 SODIMM, Max 8GB
- 4*PCI/3*PCI+ 1*PCIe, 1*Mini PCIe
- 1*HDMI and Audio Line out
- 2*Gig LAN, 4*USB3.0, 3*USB2.0, 8bit DIO
- 2*RS232, 2*RS485/422/485
- 1*2.5" SATA3 HDD Bay, optional 1*mSATA
- DC 12V power input

Dimension

Unit : mm



SPEC

System	CPU	Intel® Braswell Celeron N3160 1.6~2.24GHz, 4C4T, TDP 6W
	System Memory	1*DDR3L 1333/1600MHz SODIMM, Max 8GB(S001)
	Expansion	1*MINI PCIe (Full size), PCIe X1+USB signal, jumper setting to be mSATA 4*PCI or 3*PCI+ 1*PCIe X4(X1 signal)
	Graphics	HD Graphics 400, HDMI port resolution up to 3840*2160@30Hz or 2560*1600@60Hz, support Intel clear Video HD technology and wireless display
	Audio	Realtek ALC888S-VD2-G high definition Audio
	LAN	2*Intel® I211AT PCIe Gigabit Ethernet, integrated 10/100/1000M
	Storage	1*2.5" HDD SATA3 Bay, optional 1*mSATA, integrated AHCI controller
	I/O Ports	2*RJ45 LAN ports (Back rear) 1*HDMI (Back rear) 4*USB 3.0 (Back rear), 2*USB 2.0 (Front rear), 1*USB 2.0(Inside) 8 bit DIO(Back rear) 2*RS232/422/485(Back Rear), 2*RS232(Back rear) 1*Audio line-out Phone jack(Front rear)
	LED	1*Power LED, 1*HDD LED(Front rear)
	Control SW	1* Power button (Front Rear), 1*2-pin power swith signal connector;
	Power Supply	DC 12V input, 3-pin connector Power consumption: TDP 12V/1.2A(N3160 CPU)
	Watchdog Timer	Watchdog timeout programmable via software from 1 to 255 seconds
	OS Support	Windows 7, Windows 10, Linux Fedora Ubuntu
	Mechanical	Constructure
Color		Silver aluminum chassis, silver frame
Mounting		Desktop mounting
Dimension		203*214*158.2mm
Net Weight		3.95kg
Environmental	Operating Temperature	-20°C ~ 70°C - SSD with airflow -10°C ~ 50°C - HDD with airflow
	Storage Temperature	-40°C ~ 85°C
	Storage Humidity	10~90%@40°C, non-condensing
	Vibration	5 grms/5~500Hz/random/in working status(SSD); 1 grms/5~500Hz/random/in working status(HDD)
	Shock	50g peak acceleration(11ms duration)(SSD); 20g peak acceleration(11ms duration)(HDD)
	EMC	CE / FCC Class A

Ordering Info

NO.	Introduction
KMDA-3802/S001	Fanless embedded box computer, Intel® Celeron N3160 CPU, 2*LAN, 4*USB3.0, 3*USB2.0, 4*COM 8bit DIO, 1*HDMI, 1*2.5" HDD BAY, DC 12V power In.
ECX-433 Blackplane	4*PCIeX4(X1 signal)
ECX-434 Blackplane	1*PCIeX4(X1 signal), 3*32bit PCI
PA-60DC12	AC/DC power adapter, DC12V/5A 60W