

# KMDA-3801

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

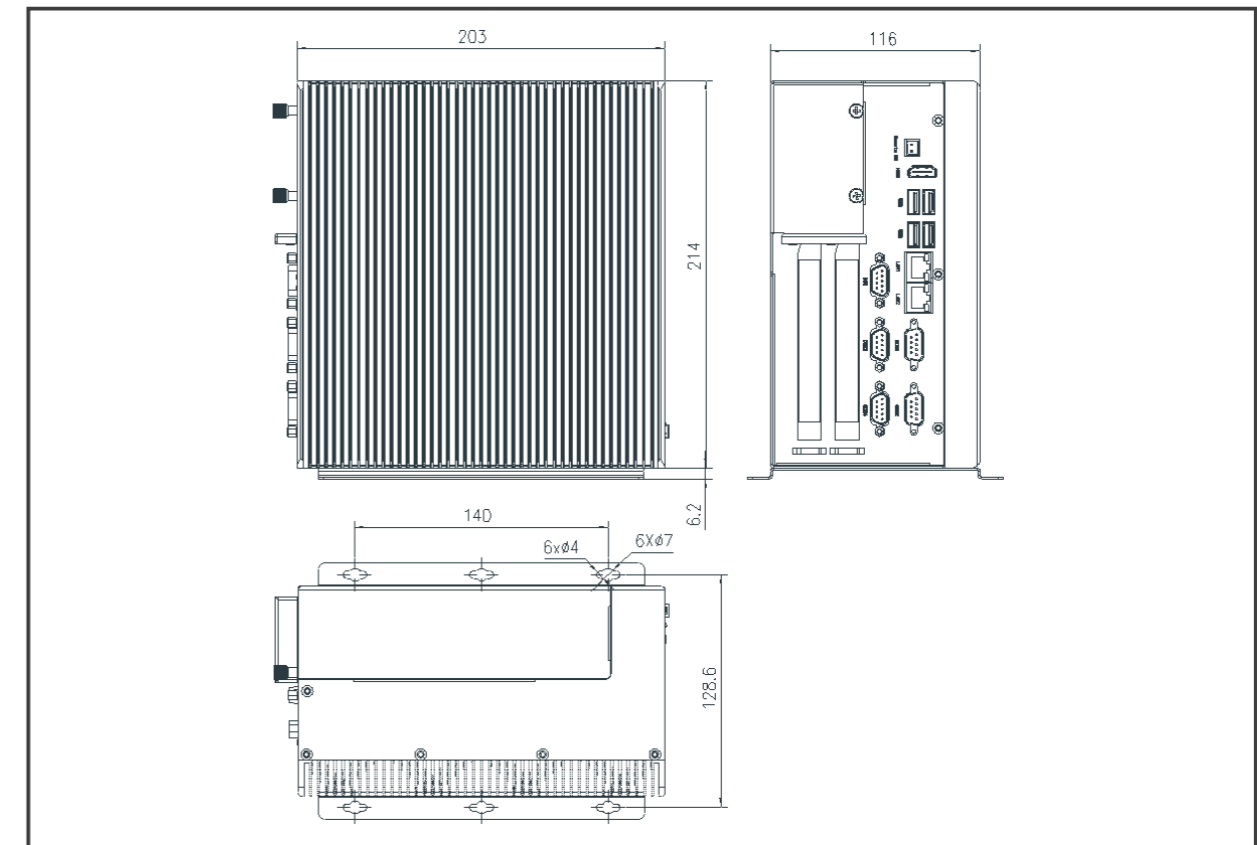


## Key Feature

- Aluminum chassis, fanless design
- Intel® Braswell N3000 CPU
- 1\*DDR3L 1600 SODIMM, Max 8GB
- 2\*PCI/1\*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	
	Expansion	1*MINI PCIe (Full size), PCIe X1+ USB signal, jumper setting to be mSATA 2*PCI or 1*PCIe X4(PCIeX1 signal)+ 1*PCI	
	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	Structure	Aluminum chassis, SGCC frame
		Color	Silver aluminum chassis, silver frame
Mounting		Desktop mounting	
Dimension		203*214*116mm	
Net Weight		3.30kg	
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-3801/S001	Fanless embedded box computer, Intel® Celeron N3160 CPU, 2*LAN, 4*USB3.0, 3*USB2.0, 4*COM 8bit DIO, 1*Mini PCIe, 1*HDMI, 1*2.5" HDD Bay, DC 12V power In.
ECX-236 Blackplane	1*32bit PCI, 1*PCIeX4(X1 signal)
ECI-237 Blackplane	2*32bit PCI
PA-60DC12	AC/DC power adapter, DC12V/5A 60W