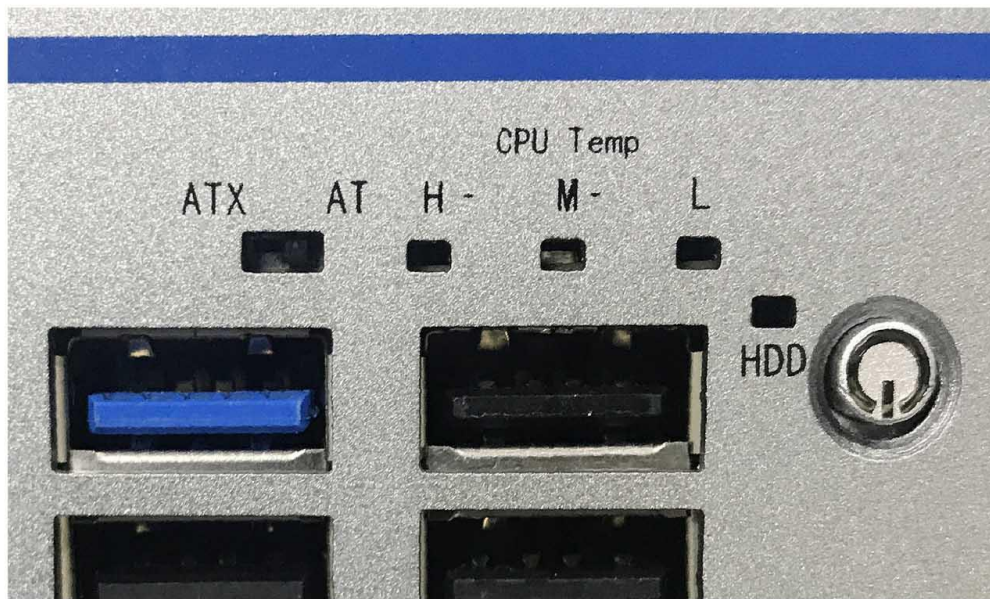


# KMDA-2602

Fanless Embedded Box Computer, Intel Celeron J1900 CPU,4\*LAN,7\*USB,6\*COM, HDMI and VGA,DC-IN 9~36 V,CPU Temp show in LED













#### Overview:

Compact dimension box computer KMA-2602, PCB to PCB multi structure and fanless design. Powered by Intel Celeron J1900 2.0-2.42GHz 4cores 4 threads processor, DDR3L 1333MHz SODIMM memory up to 8GB. 4 Gig.LAN,1\*USB 3.0,6\*USB 2.0 (1 inside), HDMI and VGA dual display,8 bit DIO,1\*Mini PCIe,1\*mSATA and 1\*2.5 inch SATA bay. DC 9~36V wide power input, Operating temperature showing in LED, economic and reliable, it will be fit for lot terminal and manufacture application.

#### Feature :

1. Compact Aluminum Chassis, Fanless Design
2. Intel Baytrail Celeron J1900 2.0-2.42 G CPU
3. 1\*DDR3L 1333MHz SODIMM, Up to 8 GB
4. 4\*Intel I211-AT PCIe Gig .LAN
5. 1\*HDMI and 1\*VGA, Audio Line out

6. 1\*USB3.0,6\*USB 2.0 ,6\*COM,8 bit DIO
7. 1\*Mini PCIe(PCle+USB),1\*Mini PCIe(SATA+USB)
8. 1\*2.5" SATA2 Bay and 1\*mSATA
9. DC 9~36V Wide Power Input

System	CPU	Intel Baytrail Celeron J1900 2.0-2.42 G CPU, 4cores,4threads,2M cache,22 nm, TDP 10W
	System Memory	1*DDR3L 1333MHz SODIMM, Up to 8 GB
	Expansion	1*Full size Mini PCIe with PCIe x1(4LAN Non PCIe) and USB with SIM slot, support 4G LTE/Wifi/BT etc; 1*Full size Mini PCIe with USB+SATA3 signal use to be mSATA
	Graphics	Intel HD Graphics, VGA resolution 1920*1200@60Hz,HDMI resolution 1920*1080@60Hz,Dual independent display, Support Operrn GL 3.2,Direct x11,Open CL 1.2,MPGE/H.264
	LAN	4*Intel I211AT PCIe Gigabit Ethernet, Integrated 10/100/1000M transceiver
	Audio	Realtek ACL662 HD Audio,5.1 sound channel, Inside 3W left/right amplify speaker header
	Storage	1*2.5inch HDD Bay ,SATA2 3.0 Gps, cooling by aluminum cover; 1*mSATA full size, dual AHCI
	Mouse/Keyboard	USB Keyboard and mouse
	Control SW	1*Power SW(Front),1*2 pin term. Power SW(Rear),1*AT/ATX Select dip(Rear)
	LED	1* Power on LED,1*HDD R un LED,3*CPU temp. LED (Red :high, Yellow: Typical ,Green :low)
	I-Port	Optional 1*USB2.0 or Mini PCIe module I/O ports (such as CAN Bus, Gig LAN etc)
	I/O port	4*RJ45 LAN with LED(Front );
		1*USB3.0 Type A and 5*USB2.0 Type A(Front),1*USB2.0 Type A(Inside)
		1*DB9 connector 8bit DIO (Rear)
		2*RS232/422/485 and 2*RS232 Db9 connector(Rear),2*RS232/485 Db9 (Front )
		1*HDMI and 1*VGA(Front);1*Line-out,3.5 mm phone jack(Rear)
1*2pin terminal connector, with power SW signal (Rear)		
DIO	8 bit TTL signal, Programmable input and output	
Power Supply	DC9~36V Input,D-JackwithM8crew(Front);Consumption:TBD12V/1.2A(2.5"HD D)	
Watchdog Timer	timeout programmable via software 1 to 255 second	
OS Support	Windows 7, Windows 8.1, Windows 10, Linux Fedora Ubuntu	

Mechanical & Environmental	Dimension	(W*H*D:155*111.8*65mm
	Color	Silvery
	Operating temperature	-20C~65C-Fanless with wide operating temp. SSD, Airflow -10C~55C-Fanless with HDD, Airflow
	Storage Temperature	-40C~85C
	Storage Humidity	10~90%@40C, non-condensing
	Vibration	5grms/5~500Hz/Random/in working status (SSD) 1grms/5~500Hz/Random/in working status (HDD)
	Shock	50gpeak acceleration (11ms duration) (SSD) ;20g peak acceleration (11ms duration) (HDD)
	EMC	CE/FCC Class A
	Net Weight	1.3Kg
	Structure	Top/bottom Aluminum Chassis, SGCC frame
Mounting	Desktop and VESA 100*100 mm mounting	

#### Ordering Info

Model NO.	Introductions
KMDA-2602/S001	Fanless Embedded Box Computer, Intel J1900 CPU,2*LAN,1*USB 3.0,6*USB 2.0,6*COM,8bit DIO,1*HDMI,1*VGA, Audio out,2*Mini PCIe,1*I-port,1*2.5 inch HDD bag, DC 9~36 V
KMDA-2602/S002	Fanless Embedded Box Computer, Intel J1900 CP,4*LAN,1*USB 3.0,6*USB 2.0 ,6*COM,8bit DIO,1*HDMI,1*VGA, Audio out,1*Mini PCIe,1*I-port,1*2.5 inch HDD bay, DC 9~36 V
KMDA-2602/T001	Fanless Embedded Box Computer, Intel J1900 CP, 2*LAN,1*USB 3.0,4*USB 2.0,4 *COM,8bit DIO,1*HDMI,1*VGA, Audio out,2*Mini PCIe,1*I-port,1*2.5 inch HDD bay, DC 9~36 V
PA-60DC12	AC/DC power adapter, DC 12V/5A 60 W



The logo for ARMORTEC, featuring the word "ARMORTEC" in white, uppercase, sans-serif font inside a dark blue rectangular box.

**Allen Dai**

*Sales Director*

Sales Department, **Armortec Technology Limited**

**p:** +86 755 8935 8465 **m:** +86 15012669595

**a:** 4th Floor, Shenhai Building, Bulong Road, Minzhi Sub-district, Longhua District, Shenzhen, China

**w:** [www.armortec.net](http://www.armortec.net) **e:** [allen.y.dai@armortec.net](mailto:allen.y.dai@armortec.net)