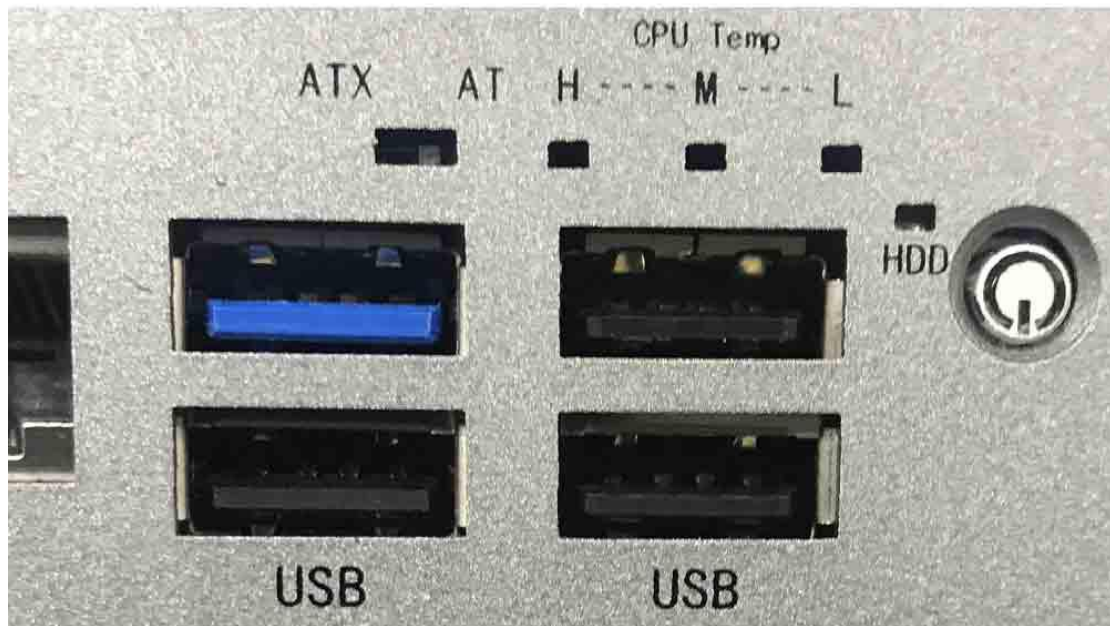


# KMDA-2701

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, Audio Line out &Mic,24 bit DIO















#### Overview:

Universal dimension box computer KMA-2701PCB 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,24bit DIO,1\*Mini PCIe,1\*mSATA and 1\*3.5inch SATA bay. DC 9~36V wide power input, Operating temperature showing in LED, economic and reliable, it will be fit for security manufacture application.

#### Feature :

1. Universal 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 and Mic

6. 1\*USB3.0,6\*USB 2.0 ,6\*COM,24bit DIO
7. 1\*Mini PCIe(PCle+USB),1\*Mini PCIe(SATA+USB)
8. 1\*3.5" SATA2 Bay and 1\*mSATA
9. DC 9~36V Wide Power Input

Specification:

System	CPU	Intel Baytrail-D Celeron J1900, 2.0-2.42 GHz, 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 PClex1(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*3.5 inch HDD bay,SATA2 3.0 Gbps, 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(Front)
	LED	1* Power n ED,1*HDD Run ED,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), 2*10Pin 16bit DIO terminal connector(Rear);2*5Pin 8 bit DIO terminal connector(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 and 1*Mic, dual 3.5 mm phone jack(Front) 1*2pin terminal connector, with power SW signal (Rear)
	DIO	24bit TTL signal, Programmable input and output
	Power Supply	DC 9~36V Input, D-Jack with M8 screw(Front); Consumption: TBD 12V/1.6A(3.5"HDD)
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:210*144*82.7mm)
	Color	Silvery
	Operating temperature	-20C~70C-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	2.6Kg
	Structure	U form Aluminum Chassis, SGCC frame
	Mounting	Desktop mounting

#### Ordering Info

Model NO.	Introductions
KMDA-2701/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*3.5inch HDD bag, DC 9~36 V
KMDA-2701/S002	Fanless Embedded Box Computer, Intel J1900 CPU,4*LAN,1*USB 3.0,6*USB 2.0 ,6*COM,24bit DIO,1*HDMI,1*VGA, Audio out, Mic 1*Mini PCIe,1*I-port,1*3.5inch HDD bay, DC 9~36 V
KMDA-2701/T001	Fanless Embedded Box Computer, Intel J1900 CPU,2*AN,1*USB 3.0,6*USB 2.0,6*COM,24bit DIO,1*HDMI,1*VGA, Audio out,2*Mini PCIe,1*I-port,1*3.5inch 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 on a dark blue rectangular background.

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