

KMDA-2702

Fanless Embedded Box Computer, Intel Celeron J1900 CPU,3*LAN,7*USB,10*COM, HDMI and VGA, DC-IN 9~36 V,CPU Temp. Show in LED, Audio Line out &Mic, 16 bit DIO

Overview:

Universal dimension box computer KMA-2702, 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,16bit DIO,1*Mini PCIe,1*mSATA and 1*2.5inch SATA bay. DC 9~36V wide power input, Operating temperature showing in LED, economic and reliable, it will be fit for environmental protection and new energy 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 ,10*COM,16bit 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

Specification:

System	CPU	Intel Baytrail 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 Opren GL 3.2,Direct x11,Open CL 1.2,MPGE/H.264
	LAN	3*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*2.5 inch HDD bay, SATA2 3.0 Gbps, cooling by aluminum cover; 1*mSATA full size, dual AHCI
	Mouse/Keyboard	Ps2 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 on LED,1*HDD Run 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	3*RJ45 LAN with LED(Front);
		1*USB3.0 Type A and 5*USB2.0 Type A(Front),1*USB2.0 Type A(Inside), 2*5Pin 8 bit DIO terminal connector(Rear)
		2*RS232/422/485 and 4*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	16bit TTL signal, Programmable input and output
	Power Supply	DC 9~36V Input, D-Jack with M8 screw(Front); Consumption: TBD 12V/1.3A(2.5"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-2702/S001	Fanless Embedded Box Computer, Intel J1900 CPU,3*LAN,1*USB 3.0,6*USB 2.0,10*COM,16bit DIO,1*HDMI,1*VGA, Audio out and Mic,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



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