

BRAV-7302

GPU Box Computer, Intel Skylake-S/Kabylake-S Core I3/I5/I7 CPU,7\*LAN,6\*USB3.0,MXM3.1 GPU 6\*4K display, iV pro technology, DC-IN 6~48V

Overview:

BRAV-7302 is a high performance GPU Box Computer .CPU and GPU fan cooling by independent air passage .It powered by all kinds of Intel Skylake -S/Kaby lake-S CPU,DDR4 2133 MHz dual channel memory up to 32GB.DP1.2 +HDMI1.4b dual 4K Intel HDG display,3\*DP+1\*HDMI GPU display.7\*Intel LAN,6\*USB 3.0,1\*Mini PCIe and1\*M.2 support 4G and Wifi/BT .The 2\*2.5 inch SATA HDD/SSD support Raid0/1.With DC 6~48 V wide power input, high performance and multi IO, it is application for Intelligent AI, Video Security and Machine Vision.

















Feature :

1. CPU and GPU fan cooling, independent air passage
2. Intel Kabylake-S/Skylake-S Core I3/I5/I7 CPU
3. 2\*DDR4 1866/2133 MHz SODIMM, Up to 32GB
4. 1\*MXM 3.1 socket, support NVIDIA/AMD GPU
5. Intel 1\*DP+1\*HDMI+1\*VGA, GPU 3\*DP+1\*HDMI
6. 7\*Gig LAN,6\*USB 3.0, 3\*USB 2.0, 4\*COM, 16DIO, Audio
7. 1\*Mini PCIe(PCle+USB),1\*M.2 2242 B-Key
8. 1\*Mini SATA,2\*2.5" SATA, support Raid 0, 1
9. Support DC-6~48 V Wide Power Input

Specification:

System	CPU	Gen.6 <sup>th</sup> IntelSkylake-S/gen.7 <sup>th</sup> Intel Kabylake-S Celeron/Pentium/Core I3/I5/I7 CPU, LGA 1151 socket, all degree of consumption: TDP 35W/54W/65W/91W
--------	-----	--



	System Memory	2*260-Pin SODIMM, dual channel DDR4 1866/2133 MHz, up to 32G
	Expansion	1*Full size Mini PCIe with PCIe+USB signal and SIM slot,1*M.2 2242 B-key with PCIeX1 +SATA3 +USB signal,1*Full size Mini SATA(SATA3+USB),support 4G LTE and Wifi/BT wireless module
	Intel Graphics	Gen.9 <sup>th</sup> Intel HD Graphics, HEVC/H265 HW HD en/decoder, DP1.2 <a href="#">max.res.4096*2304@60Hz,HDMI1,4b</a> max.res.3840*2160@30Hz,VGA max res.2650*1600Hz,3*independent display
	GPU	MXM3.1 NVIDIA GTX/AMD RX series GPU module, support 3*DP1.2/1.3 and 1*HDMI 1.4b/2.0 4K/5K display
	Audio	Realtek ALC662 VD controller, Audio out and MIC
	LAN	6*Intel I210AT PCIe Gig Ethernet,10/100/1000bps; 1*Intel I219LM PCIe Gig. Ethernet
	Storage	2*2.5"HDD/SSD bay, dual SATA 6.0Gbps support RAID0/1 ; 1*Mini SATA' 1*M.2 2242 B-key
	DIO	16 bit TTL signal, programmable input and output
	I-port	Optional 1*LPT,2*USB2.0 or Mini PCIe and M.2 I/O ports (such as serial ports )
	I/O port	7*RJ45 Gig-LAN(Front)
		6*USB3.0 Type A(Front ); 2*USB2.0 Type A(Rear), 1*USB 2.0 Type A (Inside)
		16 bit DIO 2*10-pin terminal (Front)
		2*RS232/422/485 DB9(Rear),2*RS232 DB9(Rear)
		1*Audio-out and 1*MIC,3.5mm phone jack (Rear)
		1*HDMI+1*DP+1*VGA(Front);3*DP+1*HDMI(Rear)
	LED	1*Power LED,1*HDD LED,3*CPU term. LED (Red is warning, yellow is high, Green is normal)
	Control SW	1*Power button, 1*Reset button (Front);1*2pinter.power-on signal(Rear), 1*AT/ATX Select dip(Front)
	Power Supply	DC 6~48V Input,5-pinter. connector(Front ) with 24V/9.17A power adapter, Consumption: TBD
	Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second
	OS Support	Windows 7, Windows 10, Linux Fedora Ubuntu
Mechanical	Structure	SGCC chassis, Aluminum frame
	Color	Silver and Black
	Mounting	Desktop Mounting

	Dimension	(W*H*D):255*225.5*84 mm
	Net weight	TBD
Environmental	Operating temperature	-10C ~50C-Fanless,65W CPU+78W GPU -10C~40C-Fanless,91WCPU+120WGPU
	Storage Temperature	-40C~85C
	Storage Humidity	10~90%@40C, Non-condensing
	Vibration	5grms/5~500Hz/random/in working (SSD);1grms/5~500Hz/random/in working (HDD)
	Shock	50g peak acceleration(11ms duration) (SSD); 20g peak acceleration ( 11ms duration) (HDD)
	Certification/EMC	CE/FCC Class A

#### Ordering Info

Model NO.	Introductions
BRAV-7302/S001	GPU Box Computer, Intel Skylake-S/kylake-SLGA1151CPU, MXM3.1GPU,7*LAN,6*USB3.0,3*USB2.0,4*COM 16 bit DIO,1*M.2,1*Mini PCIe,2*HDMI,4*DP,1*VGA, Audio,1*I-port,2*2.5 inch SATA bay, 1*mSATA, DC6~48V
BRAV-7302/S002	GPU Box Computer, Intel Skylake-S/Kabylake-SLGA1151 CPU, MXM3.1 GPU,3*LAN,4*USB3.0,3*USB 2.0,4*COM 1*M.2,1*Mini PCIe,2*HDMI,4*DP,1*VGA, Audio,1*I-port,2*2.5 SATA bay, 1*mSATA, DC6~48V
BRAV-7302/T001	GPU Box Computer, Intel Skylake-S/Kabylake-SLGA1151 CPU, MXM3.1 GPU,2*LAN,4*USB3.0,3*USB 2.0,4*COM 1*M.2,1*Mini PCIe,1*HDMI, 1*DP,1*VGA, Audio 1*I-port,2*2.5 SATA bay, 1*mSATA, DC6~48V
NVIDIA GTX 1050TI	MXM3.1 Type A, NVIDIA GTX 1050TI, GDDR5 4GB,128bit,768 Cuda cores
NVIDIA GTX 1070	MXM3.1 Type B, NVIDIA GTX 1070, GDDR5 8GB,256bit,2048 Cuda cores
AMD RX 480-4GB	MXM3.1Type B, AMD RX 480, GDDR5 4GB,256bit,2304 Cuda cores
PA-220DC24	AC/DC power adapter, DC 24V/9.17A 220W
PA-120DC19	AC/DC power adapter, DC 19V/6.32A 120W

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

**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)