

GPU Box Computer, BRAVO Series

BRAV-7302

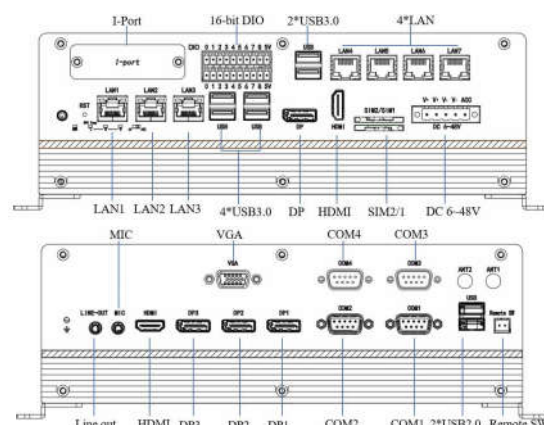
Intel® Skylake-S/Kabylake-S Core I3/I5/I7 CPU, 3/7*LAN, 4/6*USB3.0, MXM3.1
GPU 6*4K display, iVpro technology, DC-IN 6~48V



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/Kabylake-S CPU, DDR4 2133/2400MHz dual channel memory up to 32GB. DP1.2+HDMI1.4b dual 4K Intel HDG display, 3*DP+1*HDMI GPU display. 3/7*Intel LAN, 4/6*USB3.0, 2*Mini PCIe and 1*M.2 support 4G and Wifi/BT. The 2*2.5" SATA HDD/SSD support Raid0/1. With DC 6-48V wide power input, high performance and multi IO, it is application for Intelligent AI, Video Security and Machine Vision.

Key Features

- CPU and GPU fan cooling, independent air passage
- Intel® Kabylake-S/Skylake-S Core I3/I5/I7 CPU
- 2*DDR4 2400/2133MHz SODIMM, Up to 32GB
- 1*MXM 3.1 socket, support NVIDIA/AMD GPU
- Intel 1*DP+1*HDMI+1*VGA, GPU 3*DP+1*HDMI
- 3/7*LAN, 4/6*USB3.0, 3*USB2.0, 4*COM, 16DIO, Audio
- 2*Mini PCIe(Pcie+USB), 1*M.2 2242 B-Key
- 1*mSATA, 1/2*2.5" SATA, support Raid0,1
- Support Intel® iVpro and optional support TPM2.0
- DC 6~48V Wide Power Input



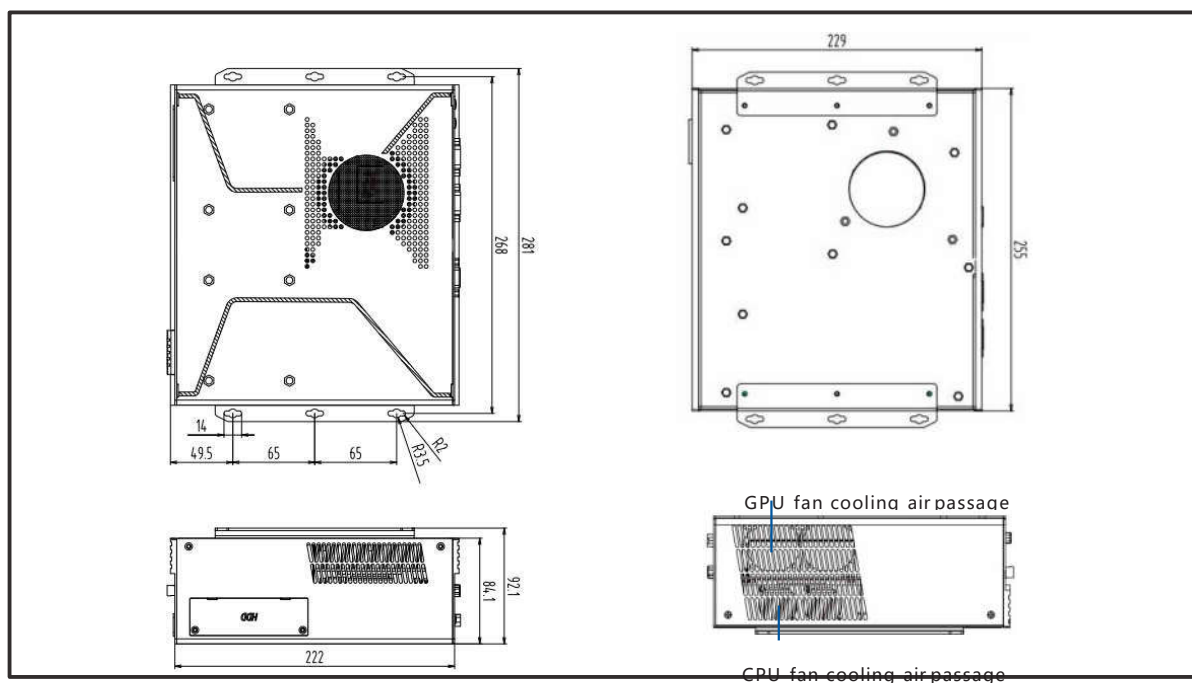
SPEC.

System	CPU	Gen.6th Intel®Skylake-S/gen.7th 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 2133/2400MHz, up to 32GB
	Expansion	1*Full size Mini PCIe(Pcie+USB)w/ SIM slot,1*M.2 2242 B-key(SATA3+USB)w/ SIM slot,1*Half size Mini PCIe(Pcie+USB),1*Full size mSATA(SATA3+USB), 1*JHC-Express-02 EIO interface
	Intel Graphics	Gen. 9th Intel®HD Graphics, HEVC/H265 HW HD en/decoder, DP1.2 max. res. 4096*2304@60Hz, HDMI1.4b max. res. 3840*2160@30Hz, VGA max. res. 2650*1600@60Hz, 3 independent display
	GPU	MXM3.1 NVIDIA GTX/AMD RX series GPU module,support 3*DP1.2/1.3 and 1*HDMI1.4b/2.0 4K/5K display
	Audio	Realtek ALC662VD controller, Audio out and MIC
	LAN	2/6*Intel I210AT PCIe Gig. Ethernet, 10/100/1000Mbps; 1*Intel I219LM PCIe Gig. Ethernet
	Storage	2*2.5" HDD/SSD bay, dual SATA 6.0Gbps support RAID0/1; 1*mSATA; 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 ports	3/7*RJ45 Gig-LAN(Front) 4/6*USB3.0 Type A (Front); 2*USB2.0 Type A (Rear), 1*USB2.0 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*2pin ter. power-on signal(Rear), 1*AT/ATX Select dip(Front)
	Power Supply	DC 6~48V Input, 5-pin ter. 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*222*84.1mm
	Net weight	4.62kg
Environmental	Operating temperature	-10°C ~ 50°C – Fanless, 65W CPU+78W GPU -10°C ~ 40°C – Fanless, 91W CPU+120W GPU
	Storage Temperature	-40°C~85°C
	Storage Humidity	10~90%@40°C, 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

Dimension

Unit:mm



Ordering Info.

Model No.	Introduction
BRAV-7302/S001	GPU Box Computer, Intel® Skylake-S/Kabylake-S LGA1151 CPU, MXM3.1 GPU, 3*LAN, 4*USB3.0, 3*USB2.0, 4*COM, 1*M.2, 2*Mini PCIe, 2*HDMI, 4*DP, 1*VGA, Audio out, 1* Mic in, 1*I-port, 2*2.5" SATA bay, 1*mSATA, DC 6~48V
BRAV-7302/S002	GPU Box Computer, Intel® Skylake-S/Kabylake-S LGA1151 CPU, MXM3.1 GPU, 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, 1*2.5" SATA bay, 1*mSATA, DC 6~48V
NVIDIA GT 1030-2G	MXM3.1 Type A, NVIDIA GT 1030, GDDR5 2GB, 64bit, 384 CUDA Cores, 含散热器
NVIDIA GTX 1050	MXM3.1 Type A, NVIDIA GTX 1050, GDDR5 2GB, 128bit, 768 CUDA Cores, 含散热器
NVIDIA GTX 1050TI	MXM3.1 Type A, NVIDIA GTX 1050TI, GDDR5 4GB, 128bit, 768 CUDA Cores, 含散热器
NVIDIA GTX 1060M	MXM3.1 Type B, NVIDIA GTX 1060M, GDDR5 6GB, 192bit, 1280 CUDA Cores, 含散热器
NVIDIA GTX 1070M	MXM3.1 Type B, NVIDIA GTX 1070M, GDDR5 8GB, 256bit, 2048 CUDA Cores, 含散热器
NVIDIA GTX 1650	MXM3.1 Type A, NVIDIA GTX 1650, GDDR5 4GB, 128bit, 896 CUDA Cores, 含散热器
NVIDIA GTX 1660S	MXM3.1 Type B, NVIDIA GTX 1660S, GDDR6 6GB, 192bit, 1408 CUDA Cores, 含散热器
MLU220-MXM	MXM3.1 Type A, 寒武纪MLU-220, LPDDR4 8GB, 64bit, 16TOPS(INT8), 含散热器
PA-120DC19	AC/DC电源适配器, DC19V/6.32A, 120W
PA-220DC24	AC/DC电源适配器, DC24V@9.17A, 220W
PA-300DC24	AC/DC电源适配器, DC24V@12.5A, 300W
NDR-480DC24	AC/DC导轨电源, DC24V@20A, 90-264ACV/127-370DCV输入, DC 24V输出, 480W

*All specifications and photos are subject to change without notice.

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