

## Gigabyte B550 VISION D-P (rev. 1.0) AMD B550 Socket AM4 ATX

**Brand :** Gigabyte

**Product code:** GAB55VSDP-00-G

**Product name :** B550 VISION D-P (rev. 1.0)

AMD B550, AMD AM4, 4x DDR4 DIMM, 5120x2880, 7.1ch HD Audio, 2.5 + 2.5 Gigabit LAN, WLAN, 4x SATA III, 2x M.2, UEFI AMI, ATX

Gigabyte B550 VISION D-P (rev. 1.0). Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: 3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Parallel processing technology support: CrossFireX, Quad-GPU CrossFireX, Maximum graphics card memory: 16000 MB, Maximum resolution: 5120 x 2880 pixels. USB connector type: USB Type-A, USB Type-C



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	Socket AM4	Ethernet LAN (RJ-45) ports *	2
Compatible processor series *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, 3rd Gen AMD Ryzen™ Threadripper™	PS/2 ports quantity	1
		HDMI ports quantity *	1
Supported processor sockets	Socket AM4	HDMI version	2.0
Memory	Supported memory types *	DisplayPorts quantity	1
	Number of memory slots *	DisplayPort version	1.4
	Memory slots type	Headphone outputs	1
	Memory channels	Microphone in	✓
	ECC	S/PDIF out port	✓
	Non-ECC	Thunderbolt ports quantity	2
	Supported memory clock speeds	WiFi-AP antenna jack	2
	Maximum internal memory *	USB connector type	USB Type-A, USB Type-C
	Supported memory module capacities		
	Unbuffered memory		
Storage controllers		Network	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, SATA III	Ethernet interface type	2.5 Gigabit Ethernet
Number of HDDs supported	4	Wi-Fi *	✓
Number of storage drives supported	2	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
RAID levels	0, 1, 10	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Graphics	Maximum graphics card memory	WLAN controller model	Intel Wi-Fi 6 AX200
	Parallel processing technology support *	Bluetooth	✓
	Maximum resolution	Bluetooth version	5.0
	HDCP		
Discrete graphics support	✓		
Internal I/O		Features	
USB 2.0 connectors *	2	Motherboard chipset *	AMD B550
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Audio chip	Realtek ALC1220-VB
		Audio output channels *	7.1 channels
		PC health monitoring	CPU, Fan, LED, Temperature, Voltage
		Component for *	PC
		Motherboard form factor *	ATX

Internal I/O		Features	
Number of SATA III connectors *	4	Motherboard chipset family *	AMD
Front panel audio connector	✓	Number of mounting holes	9
Front panel connector	✓	Windows operating systems supported	Windows 10 x64
ATX Power connector (24-pin)	✓	Harmonized System (HS) code	84733020
CPU fan connector	✓	<b>Expansion slots</b>	
Number of chassis fan connectors	2	PCI Express x16 slots	2
EPS power connector (8-pin)	✓	PCI Express x16 (Gen 4.x) slots	1
TPM connector	✓	<b>BIOS</b>	
Serial port headers	1	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	256 Mbit
RGB LED pin header	✓	ACPI version	5.0
<b>Rear panel I/O ports</b>		Clear CMOS jumper	✓
USB 2.0 ports quantity *	2	Desktop Management Interface (DMI) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	System Management BIOS (SMBIOS) version	2.7
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Bundled software	Norton® Internet Security (OEM version) cFosSpeed



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