GIGABYTE

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

Brand : Gigabyte

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

Product code: GAB55VSDP-00-G

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

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 Generation AMD Ryzen™ 9, 3rd Gen AMD Ryzen™ Threadripper™
Supported processor sockets	Socket AM4

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✔
Non-ECC	✔
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3400,3600,4000,4400,4600,4866,5000,5100,5200,5400 MHz
Maximum internal memory *	128 GB
Supported memory module capacities	2GB, 4GB, 8GB, 16GB, 32GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	2
RAID levels	0, 1, 10

Graphics

Maximum graphics card memory	16000 MB
Parallel processing technology support *	CrossFireX, Quad-GPU CrossFireX
Maximum resolution	5120 x 2880 pixels
HDCP	✔
Discrete graphics support	✔

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	2
PS/2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Microphone in	✔
S/PDIF out port	✔
Thunderbolt ports quantity	2
WiFi-AP antenna jack	2
USB connector type	USB Type-A, USB Type-C

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
WLAN controller model	Intel Wi-Fi 6 AX200
Bluetooth	✔
Bluetooth version	5.0

Features

Motherboard chipset *	AMD B550
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

Number of SATA III connectors *	4
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	2
EPS power connector (8-pin)	✔
TPM connector	✔
Serial port headers	1
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3

Features

Motherboard chipset family *	AMD
Number of mounting holes	9
Windows operating systems supported	Windows 10 x64
Harmonized System (HS) code	84733020

Expansion slots

PCI Express x16 slots	2
PCI Express x16 (Gen 4.x) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	✔
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Weight & dimensions

Width	305 mm
Depth	244 mm

Packaging content

Bundled software	Norton® Internet Security (OEM version) cFosSpeed

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