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A Super Store Of Computer & Electronics Accessoriess

194, Banghabandhu Road, Shomobay New Market (2nd Floor) Shop No. 117-118,103-104, Chasara, Narayanganj-1400 www.munshiganjit.com.bd e-mail-info@munshiganjit.com.bd

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GIGABYTE B450M S2H AMD AM4 Micro ATX Motherboard



Sale Price: 9500.0

PRODUCT ID: 02564

Basic

Information

Supported CPU	AM4 Socket Support for AMD Ryzen 2nd Generation/ Ryzen with Radeon Vega Graphics/ Athlon with Radeon Vega Graphics/ Ryzen 1st Generation Processors
Chipset	AMD B450
BIOS	1 x 128 Mbit flash Use of licensed AMI UEFI BIOS

PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Form Factor Micro ATX Form Factor: 24.4cm x 20.5cm

Expansion

Slots

PCI 1 x PCI Express x16 slot, running at x16

(The PCIEX16 slot conforms to PCI Express 3.0 standard.)

2 x PCI Express x1 slots

(The PCI Express x1 slot conforms to PCI Express 2.0 standard.)

M.2 Socket 1 x M.2 Socket 3 connector

 $1\,x$ M.2 connector (Socket 3, M key, type 2242/2260/2280 SATA and PCIe x4/x2 SSD support)

Supports only M.2 SATA SSDs when using an AMD Athlon 200-series/7th Generation A-series or Athlon APU.

Memory

Туре	Dual channel memory architecture
Slots	- $2\mathrm{x}$ DDR4 DIMM sockets supporting up to 32 GB of system memory
Supported Memory	 Support for DDR4 3200(O.C.)/2933/2667/2400/2133 MHz memory modules Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode) Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Support for Extreme Memory Profile (XMP) memory modules
Maximum Memory	32 GB



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Basic

Information

Graphics

Graphics 1 x D-Sub port, supporting a maximum resolution of 1920x1200 at 60 Hz

 $1\,x$ DVI-D port, supporting a maximum resolution of 1920x1200 at 60 Hz

The DVI-D port does not support D-Sub connection by adapter.

 $1\,x$ HDMI port, supporting a maximum resolution of 4096x2160 at 60 Hz(Note)

Support for HDMI 2.0 version and HDCP 2.2.(Note)

Maximum shared memory of 2 GB (Note) Actual support may vary by CPU.

Max Shared Memory

2 GB

Connector &

Ports

HDMI	1x HDMI port, supporting a maximum resolution of 4096x2160 at 60 Hz Support for HDMI 2.0 version and HDCP 2.2. $1x$ HDMI port
D-Sub (s)	1x D-Sub port, supporting a maximum resolution of 1920x1200 at 60 Hz
DVI-D (s)	$1\mathrm{x}\mathrm{DVI\text{-}D}$ port, supporting a maximum resolution of $1920\mathrm{x}1200$ at $60\mathrm{Hz}$
USB (s)	Chipset: $2 \times USB \ 3.1 \ Gen \ 1$ ports available through the internal USB header $6 \times USB \ 2.0/1.1$ ports (2 ports on the back panel, 4 ports available through the internal USB headers) CPU: $4 \times USB \ 3.1 \ Gen \ 1$ ports on the back panel
LAN Port (s)	Realtek GbE LAN chip (10/100/1000 Mbit)
Supported Storage	1 x M.2 connector (Socket 3, M key, type 2242/2260/2280 SATA and PCIe x4/x2 SSD support) Supports only M.2 SATA SSDs when using an AMD Athlon 200-series/7th Generation A-series or Athlon APU. 4 x SATA 6Gb/s connectors Support for RAID 0, RAID 1, and RAID 10
Audio	Realtek ALC887 codec High Definition Audio 2/4/5.1/7.1-channel To configure 7.1-channel audio, you have to use an HD front panel audio module and enable the multi-channel audio feature through the audio driver. Support for S/PDIF Out



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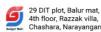
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Basic

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Internal I/O Ports 1 x 24-pin ATX main power connector

1 x 8-pin ATX 12V power connector

1 x CPU fan header 1 x system fan header 1 x M.2 Socket 3 connector 4 x SATA 6Gb/s connectors 1 x front panel header 1 x front panel audio header 1 x S/PDIF Out header

1 x CPU cooler LED strip/RGB LED strip header

1 x USB 3.1 Gen 1 header 2 x USB 2.0/1.1 headers 1 x speaker header 1 x Clear CMOS jumper 1 x chassis intrusion header

TPM (Trusted Platform Module) 1 x Trusted Platform Module (TPM) header (2x6 pin, for the GC-TPM2.0_S module only)

Others

Special Features Support for APP Center

Available applications in APP Center may vary by motherboard model. Supported functions of each application may

also vary depending on motherboard specifications.

BIOS 3D OSD AutoGreen Cloud Station EasyTune Fast Boot Game Boost ON/OFF Charge **RGB** Fusion Smart Backup Smart Keyboard Smart TimeLock Smart HUD **Smart Survey**

System Information Viewer

USB Blocker Support for Q-Flash Support for Xpress Install

Bundled Software Norton Internet Security (OEM version)

Realtek 8118 Gaming LAN Bandwidth Control Utility



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Warranty Information

> Manufacturing Warranty

03 years warranty