



B550M-HDV

- Soporta procesadores de escritorio AMD AM4 Socket Ryze 4000 G-Series y 5000 Series *
- Diseño de 6 fases de potencia
- Soporta DDR4 4733+ (OC)
- 1 PCIe 4.0 x16, 1 PCIe 3.0 x1
- Opciones de salida de gráficos: HDMI, DVI-D, D-Sub
- Audio 7.1 canales HD (Códec de audio Realtek ALC887)
- 4 SATA3, 1 Hyper M.2 (PCIe Gen4 x4 y SATA3)
- 6 USB 3.2 Gen1 (2 frontales, 4 traseros)
- LAN Gigabit

* No es compatible con AMD Ryzen ™ 5 3400G y Ryzen ™ 3 3200G.

Es posible que este modelo no se venda en todo el mundo. Comuníquese distribuidor local para conocer la disponibilidad de este modelo en su regi

Descripción general Especificación Apoyo Donde comprar

Característica única	**ASRock Super Alloy** - Amortiguador de energía Premium 50A - PCB negro zafiro - PCB de tela de vidrio de alta densidad **ASRock Hyper M.2** (PCIe Gen4x4) **Protección total contra** picos de **ASRock** (para todos los puertos USB, audio y LAN) **Actualización en vivo de ASRock y tienda de aplicaciones**
UPC	- Admite procesadores de escritorio AMD AM4 Socket Ryzen ™ 3000, 4000 G-Series y 5000 Series * - Diseño de 6 fases de alimentación * No es compatible con AMD Ryzen ™ 5 3400G y Ryzen ™ 3 3200G.
Chipset	- AMD B550
Memoria	- Tecnología de memoria DDR4 de doble canal - 2 ranuras DIMM DDR4 - Las CPU de la serie AMD Ryzen (Matisse) admiten DDR4 4600+ (OC) / 4533 (OC) / 4466 (OC) / 4400 (OC) / 4333 4333 (OC) / 4266 (OC) / 4200 (OC) / 4133 (OC) / 4000 (OC) / 3866 (OC) / 3800 (OC) / 3733 (OC) / 3600 (OC) / 346 3200 / 2933/2667/2400/2133 ECC y no ECC, memoria sin búfer * - Las APU de la serie AMD Ryzen (Renoir) admiten DDR4 4733+ (OC) / 4666 (OC) / 4600 (OC) / 4533 (OC) / 4466 (

4400 (OC) / 4333 (OC) / 4266 (OC) / 4200 (OC) / 4133 (OC) / 4000 (OC) / 3866 (OC) / 3800 (OC) / 3733 (OC) / 360(
3466 (OC) / 3200/2933/2667/2400/2133 ECC y no ECC, memoria sin búfer *
- Máx. capacidad de memoria del sistema: 64 GB * *
- Admite módulos de memoria Extreme Memory Profile (XMP)
- Contacto de oro de 15µ en ranuras DIMM *

* CPU de la serie Ryzen (Matisse):

UDIMM Memory Slot		Frequency (Mhz)
A1	B1	
SR	-	3200
-	SR	3200
DR	-	3200
-	DR	3200
SR	SR	3200
DR	DR	3200

APU de la serie Ryzen (Renoir):

UDIMM Memory Slot		Frequency (Mhz)
A1	B1	
SR	-	3200
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-	DR	3200
SR	SR	3200
DR	DR	3200

SR: DIMM de rango único, 1Rx4 o 1Rx8 en la etiqueta del módulo DIMM
DR: DIMM de rango doble, 2Rx4 o 2Rx8 en la etiqueta del módulo DIMM

* * Debido a la limitación del sistema operativo, el tamaño de la memoria actual puede ser menos que 4GB para la reservación para el us
sistema bajo Windows® 32-bit OS. Para Windows® OS 64-bit con CPU de 64 bits, no hay tal limitación.

BIOS

- BIOS legal de 256Mb AMI UEFI con soporte GUI
- Soporta "Plug and Play"
- Eventos de
activación de conformidad con ACPI 5.1 - Soporta jumperfree
- Soporta SMBIOS 2.3
- CPU, CPU VDDCR_SOC, DRAM, VDDP Voltaje Multi-ajuste

Graphics

- Integrated AMD Radeon Vega Series Graphics in Ryzen Series APU*
- DirectX 12, Pixel Shader 5.0
- Shared memory default 2GB. Max Shared memory supports up to 16GB.**
- Three graphics output options: D-Sub, DVI-D and HDMI
- Supports Triple Monitor
- Supports HDMI 2.1 with max. resolution up to 4K x 2K (4096x2160) @ 60Hz
- Supports DVI-D with max. resolution up to 1920x1200 @ 60Hz
- Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz
- Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI 2.1 Port (Complian
monitor is required)
- Supports HDR (High Dynamic Range) with HDMI 2.1
- Supports HDCP 2.3 with DVI-D and HDMI 2.1 Ports
- Supports 4K Ultra HD (UHD) playback with HDMI 2.1 Port
- Supports Microsoft® PlayReady

*Actual support may vary by CPU

**The Max shared memory 16GB requires 32GB system memory installed.

Audio	- 7.1 CH HD Audio (Realtek ALC887 Audio Codec) - Supports Surge Protection
LAN	- PCIE x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111H - Supports Wake-On-LAN - Supports Lightning/ESD Protection - Supports Energy Efficient Ethernet 802.3az - Supports PXE
Slots	AMD Ryzen series CPUs (Matisse) - 1 x PCI Express 4.0 x16 Slot (PCIE1: x16 mode)* AMD Ryzen series APUs (Renoir) - 1 x PCI Express 3.0 x16 Slot (PCIE1: x16 mode)* - 1 x PCI Express 3.0 x1 Slot *Supports NVMe SSD as boot disks
Storage	- 4 x SATA3 6.0 Gb/s Connectors, support RAID (RAID 0, RAID 1 and RAID 10), NCQ, AHCI and Hot Plug - 1 x Hyper M.2 Socket, supports M Key type 2242/2260/2280 M.2 SATA3 6.0 Gb/s module and M.2 PCI Express mo to Gen4x4 (64 Gb/s) (with Matisse) or Gen3x4 (32 Gb/s) (with Renoir)* *Supports NVMe SSD as boot disks Supports ASRock U.2 Kit
Connector	- 1 x SPI TPM Header - 1 x COM Port Header - 1 x Chassis Intrusion and Speaker Header - 1 x CPU Fan Connector (4-pin)* - 2 x Chassis Fan Connectors (4-pin) (Smart Fan Speed Control)** - 1 x 24 pin ATX Power Connector - 1 x 4 pin 12V Power Connector - 1 x Front Panel Audio Connector - 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) (Supports ESD Protection) - 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports) (Supports ESD Protection) *The CPU Fan Connector supports the CPU fan of maximum 1A (12W) fan power. **The Chassis Fan supports the water cooler fan of maximum 1A (12W) fan power. CHA_FAN2 can auto detect if 3-pin or 4-pin fan is in use.
Rear Panel I/O	- 1 x PS/2 Mouse/Keyboard Port - 1 x D-Sub Port - 1 x DVI-D Port - 1 x HDMI Port - 2 x USB 2.0 Ports (Supports ESD Protection) - 4 x USB 3.2 Gen1 Ports (Supports ESD Protection) - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jacks: Line in / Front Speaker / Microphone

Software and UEFI	**Software** - ASRock Motherboard Utility (A-Tuning) - ASRock XFast LAN **UEFI** - ASRock Full HD UEFI - ASRock Instant Flash *These utilities can be downloaded from ASRock Live Update & APP Shop.
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version), Google Chrome Browser and Toolbar
Accessories	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables - 1 x Screw for M.2 Socket
Hardware Monitor	- Temperature Sensing: CPU, Chassis Fans - Fan Tachometer: CPU, Chassis Fans - Quiet Fan (Auto adjust chassis fan speed by CPU temperature): CPU, Chassis Fans - Fan Multi-Speed Control: CPU, Chassis Fans - CASE OPEN detection - Voltage monitoring: +12V, +5V, +3.3V, CPU Vcore
Form Factor	- Micro ATX Form Factor: 9.0-in x 7.9-in, 23.0 cm x 20.1 cm - Solid Capacitor design
OS	- Microsoft® Windows® 10 64-bit
Certifications	- FCC, CE - ErP/EuP ready (ErP/EuP ready power supply is required)

The specification is subject to change without notice in advance. The brand and product names are trademarks of their respective companies. Any configuration other than original produ
specification is not guaranteed.

La imagen de la interfaz de usuario anterior es una muestra de referencia. La interfaz de usuario real puede variar con la versión de software actualizada.

