

ROG STRIX B650-A GAMING WIFI

MB ASUS B650 AMD S-AM5 7A GEN/4X DDR5 5000/DP/HDMI/M.2/4X USB 3.2/USB-C/WIFI 6/BLUETOOTH/ATX/GAMA MEDIA/GAMER/RGB



Informacion Tecnica:

CPU

AMD SOCKET AM5 FOR AMD RYZEN™ 7000 SERIES DESKTOP PROCESSORS*

* REFER TO WWW.ASUS.COM FOR CPU SUPPORT LIST.

CHIPSET

AMD B650

MEMORY

4 X DIMM, MAX. 128GB, DDR5 6400+(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(OC)/ 5400(OC)/ 5200/ 5000/ 4800 ECC AND NON-ECC, UN-BUFFERED MEMORY*

DUAL CHANNEL MEMORY ARCHITECTURE

SUPPORTS AMD EXTENDED PROFILES FOR OVERCLOCKING (EXPO™)

OPTIMEM II

* SUPPORTED MEMORY TYPES, DATA RATE(SPEED), AND NUMBER OF DRAM MODULE VARY DEPENDING ON THE CPU AND MEMORY CONFIGURATION, FOR MORE INFORMATION REFER TO WWW.ASUS.COM FOR MEMORY SUPPORT LIST.

GRAPHICS

1 X DISPLAYPORT*

1 X HDMI® PORT**

* SUPPORTS MAX. 8K@60HZ AS SPECIFIED IN DISPLAYPORT 1.4.

**SUPPORTS 4K@60HZ AS SPECIFIED IN HDMI 2.1.

EXPANSION SLOTS

AMD RYZEN™ 7000 SERIES DESKTOP PROCESSORS

1 X PCIE 4.0 X16 SLOT

AMD B650 CHIPSET

1 X PCIE 4.0 X16 SLOT (SUPPORTS X4 MODE)*

2 X PCIE 4.0/3.0 X1 SLOTS

* PCIE 4.0 X16 SLOT (SUPPORTS X4 MODE) FROM AMD B650 CHIPSET SHARES BANDWIDTH WITH M.2_3.

STORAGE

TOTAL SUPPORTS 3 X M.2 SLOTS AND 4 X SATA 6GB/S PORTS*

AMD RYZEN™ 7000 SERIES DESKTOP PROCESSORS

M.2_1 SLOT (KEY M), TYPE 2242/2260/2280(SUPPORTS PCIE 5.0 X4 MODE)

M.2_2 SLOT (KEY M), TYPE 2242/2260/2280 (SUPPORTS PCIE 4.0 X4 MODE)

AMD B650 CHIPSET

M.2_3 SLOT (KEY M), TYPE 2242/2260/2280/22110 (SUPPORTS PCIE 4.0 X4 MODE)**

4 X SATA 6GB/S PORT

*AMD RAID XPERT TECHNOLOGY SUPPORTS BOTH NVME RAID 0/1/10 AND SATA RAID 0/1/10.

** M.2_3 SLOT SHARES BANDWIDTH WITH PCIE 4.0 X16 SLOT (SUPPORTS X4 MODE) WHEN M.2_3 SLOT IS OPERATING IN PCIE MODE, M.2_3 WILL BE DISABLED.

ETHERNET

1 X INTEL® 2.5GB ETHERNET

ASUS LANGUARD

WIRELESS & BLUETOOTH

WI-FI 6E

2X2 WI-FI 6E (802.11 A/B/G/N/AC/AX)

SUPPORTS 2.4/5GHZ FREQUENCY BAND

BLUETOOTH V5.2

* WI-FI 6E 6GHZ REGULATORY MAY VARY BETWEEN COUNTRIES, AND FUNCTION WILL BE READY IN WINDOWS 11 OR LATER.

USB

REAR USB (TOTAL 9 PORTS)

1 X USB 3.2 GEN 2X2 PORT (1 X USB TYPE-C®)

4 X USB 3.2 GEN 2 PORTS (3 X TYPE-A + 1 X USB TYPE-C®)

4 X USB 2.0 PORTS (4 X TYPE-A)

FRONT USB (TOTAL 7 PORTS)

1 X USB 3.2 GEN 2 CONNECTOR (SUPPORTS USB TYPE-C®)

1 X USB 3.2 GEN 1 HEADER SUPPORTS ADDITIONAL 2 USB 3.2 GEN 1 PORTS

2 X USB 2.0 HEADERS SUPPORTS ADDITIONAL 4 USB 2.0 PORTS

AUDIO

ROG SUPREMEFX 7.1 SURROUND SOUND HIGH DEFINITION AUDIO CODEC ALC4080

- IMPEDANCE SENSE FOR FRONT AND REAR HEADPHONE OUTPUTS

- SUPPORTS: JACK-DETECTION, MULTI-STREAMING, FRONT PANEL JACK-RETASKING

- HIGH QUALITY 120 DB SNR STEREO PLAYBACK OUTPUT AND 113 DB SNR RECORDING INPUT

- SUPPORTS UP TO 32-BIT/384 KHZ PLAYBACK

AUDIO FEATURES

- SUPREMEFX SHIELDING TECHNOLOGY

- SAVITECH SV3H712 AMP

- REAR OPTICAL S/PDIF OUT PORT

- PREMIUM AUDIO CAPACITORS

- AUDIO COVER

BACK PANEL I/O PORTS

1 X USB 3.2 GEN 2X2 PORT (1 X USB TYPE-C®)

4 X USB 3.2 GEN 2 PORTS (3 X TYPE-A + 1 X USB TYPE-C®)

4 X USB 2.0 PORTS (4 X TYPE-A)

1 X DISPLAYPORT

1 X HDMI® PORT

1 X WI-FI MODULE

1 X INTEL® 2.5GB ETHERNET PORT

5 X AUDIO JACKS

1 X BIOS FLASHBACK™ BUTTON

INTERNAL I/O CONNECTORS

FAN AND COOLING RELATED

1 X 4-PIN CPU FAN HEADER

1 X 4-PIN CPU OPT FAN HEADER

1 X 4-PIN AIO PUMP HEADER

4 X 4-PIN CHASSIS FAN HEADERS

POWER RELATED

1 X 24-PIN MAIN POWER CONNECTOR

1 X 8-PIN +12V POWER CONNECTOR

1 X 4-PIN +12V POWER CONNECTOR

STORAGE RELATED

3 X M.2 SLOTS (KEY M)

4 X SATA 6GB/S PORTS

USB

1 X USB 3.2 GEN 2 CONNECTOR (SUPPORTS USB TYPE-C®)

1 X USB 3.2 GEN 1 HEADER SUPPORTS ADDITIONAL 2 USB 3.2 GEN 1 PORTS

2 X USB 2.0 HEADERS SUPPORTS ADDITIONAL 4 USB 2.0 PORTS

MISCELLANEOUS

3 X ADDRESSABLE GEN 2 HEADERS

1 X AURA RGB HEADER

1 X CLEAR CMOS HEADER

1 X CPU OVER VOLTAGE JUMPER
1 X FRONT PANEL AUDIO HEADER (AAFP)
1 X S/PDIF OUT HEADER
1 X 20-3 PIN SYSTEM PANEL HEADER WITH CHASSIS INTRUDE FUNCTION
1 X THERMAL SENSOR HEADER
1 X THUNDERBOLT™ HEADER
1 X COM_DEBUGHEADER

SPECIAL FEATURES

EXTREME ENGINE DIGI+
- 5K BLACK METALLIC CAPACITORS

ASUS Q-DESIGN

- M.2 Q-LATCH
- PCIE SLOT Q-RELEASE
- Q-LED
- Q-DIMM
- Q-SLOT

ASUS THERMAL SOLUTION

- M.2 HEATSINK
- VRM HEATSINK DESIGN

ASUS EZ DIY

- BIOS FLASHBACK™ BUTTON
- BIOS FLASHBACK™ LED
- PROCOOL
- PRE-MOUNTED I/O SHIELD
- SAFESLOT
- SAFEDIMM

AURA SYNC

- AURA RGB HEADER
- ADDRESSABLE GEN 2 HEADERS

SOFTWARE FEATURES

ROG EXCLUSIVE SOFTWARE

- GAMEFIRST VI
- ROG CPU-Z
- SONIC STUDIO III + SONIC STUDIO VIRTUAL MIXER + SONIC SUITE COMPANION
- SONIC RADAR III
- DTS® SOUND UNBOUND
- ANTI-VIRUS SOFTWARE

ASUS EXCLUSIVE SOFTWARE

ARMOURY CRATE

- AIDA64 EXTREME (60 DAYS FREE TRIAL)
- AURA CREATOR
- AURA SYNC
- FAN XPERT 4
- POWER SAVING
- TWO-WAY AI NOISE CANCELLATION

AI SUITE 3

- TPU
- DIGI+ VRM
- TURBO APP
- PC CLEANER

MYASUS

WINRAR

UEFI BIOS

ASUS EZ DIY

- ASUS CRASHFREE BIOS 3
- ASUS EZ FLASH 3
- ASUS UEFI BIOS EZ MODE

FLEXKEY

BIOS

256 MB FLASH ROM, UEFI AMI BIOS

MANAGEABILITY

WOL BY PME, PXE

ACCESSORIES

CABLES

2 X SATA 6GB/S CABLES

ADDITIONAL COOLING KIT

1 X THERMAL PAD FOR M.2
MISCELLANEOUS
1 X ASUS WI-FI MOVING ANTENNAS
1 X CABLE TIES PACK
1 X M.2 Q-LATCH PACKAGE
1 X ROG KEY CHAIN
1 X ROG STRIX STICKERS
1 X ROG STRIX THANK YOU CARD
2 X M.2 RUBBER PACKAGES

DOCUMENTATION
1 X USER GUIDE

OPERATING SYSTEM
WINDOWS® 11 64-BIT

FORM FACTOR
ATX FORM FACTOR
12 INCH X 9.6 INCH (30.5 CM X 24.4 CM)

Informacion Comercial:

TARJETA MADRE AMD B650 AM5 ATX CON 12 + 2 FASES DE PODER, DDR5, SSD PCIE® 5.0 NVME®, UN PCIE 4.0 X16 SAFESLOT CON Q-RELEASE, USB 3.2 GEN 2X2 TYPE-C® POSTERIOR, PUERTO DE PANEL FRONTAL USB 3.2 GEN 2 TYPE-C®, WIFI 6E Y ILUMINACIÓN AURA SYNC RGB

AMD SOCKET AM5: LISTO PARA PROCESADORES DE ESCRITORIO AMD RYZEN™ SERIE 7000.

SOLUCIÓN DE ALIMENTACIÓN ROBUSTA: 12 + 2 FASES DE PODER CON CONECTORES DE ALIMENTACIÓN PROCOOL DE 8 + 4 PINES, CHOKES DE ALEACIÓN DE ALTA CALIDAD Y CONDENSADORES DURADEROS PARA ADMITIR PROCESADORES MULTINÚCLEO.

DISEÑO TÉRMICO OPTIMIZADO: DISIPADORES TÉRMICOS VRM MASIVOS CON CANALES DE FLUJO DE AIRE CORTADOS ESTRATÉGICAMENTE Y ALMOHADILLAS TÉRMICAS DE ALTA CONDUCTIVIDAD.

COMPATIBILIDAD CON M.2 DE ÚLTIMA GENERACIÓN: UN PUERTO PCIE® 5.0 M.2 Y DOS PUERTOS PCIE 4.0 M.2, TODOS CON DISIPADORES TÉRMICOS PARA MAXIMIZAR EL RENDIMIENTO. < /LI>

CONECTIVIDAD AVANZADA: UN USB 3.2 GEN 2X2 TYPE-C® Y OCHO PUERTOS USB TRASEROS ADICIONALES, USB 3.2 GEN 2 TYPE-C® PARA PANEL FRONTAL, HDMI® 2.1, DISPLAYPORT™ 1.4 Y UN PCIE 4.0 X16 SAFESLOT.

REDES DE ALTO RENDIMIENTO: WIFI 6E INTEGRADO (802.11AX), BLUETOOTH® 5.2 E INTEL® 2.5G ETHERNET CON ASUS LANGUARD.

CONTROL INTELIGENTE: TWO-WAY AI NOISE CANCELATION EXCLUSIVO DE ASUS Y AI NETWORKING.

AUDIO ENVOLVENTE PARA JUEGOS: ALC4080 CON AMPLIFICADOR SAVITECH SV3H712, JUNTO CON DTS® SOUND UNBOUND Y SONIC STUDIO III.

PERSONALIZACIÓN INIGUALABLE: ILUMINACIÓN AURA SYNC RGB EXCLUSIVA DE ASUS, QUE INCLUYE UN PUERTO RGB Y TRES PUERTOS GEN 2 RGB DIRECCIONABLES.

DISEÑO DE FÁCIL MONTAJE: PCIE® SLOT Q-RELEASE, M.2 Q-LATCH, PLACA DE E/S PREMONTADA Y BOTÓN BIOSFLASHBACK™.

SOFTWARE INTUITIVO: UEFI BIOS FÁCIL DE USAR, ARMORY CRATE RGB CON ADMINISTRADOR DE DISPOSITIVOS Y PRUEBA AIDA64 EXTREME DE 60 DÍAS INCLUIDA.