TUF GAMING B650-PLUS WIFI

MB ASUS B650 AMD S-AM5 7A GEN/4X DDR5 5000/DP/HDMI/M.2/3X USB 3.2/USB-C/WIFI/BLUETOOTH/ATX/GAMA MEDIA/GAMER

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/ 5400/ 5200/ 5000/ 4800 ECC & 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 MODULES VARY DEPENDING ON THE CPU AND MEMORY CONFIGURATION, FOR MORE INFORMATION REFER TO WWW.ASUS.COM FOR MEMORY SUPPORT LIST.
** NON-ECC, UN-BUFFERED DDR5 MEMORY SUPPORTS ON-DIE ECC FUNCTION

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.
*** VGA RESOLUTION SUPPORT DEPENDS ON PROCESSORS OR GRAPHIC CARDS RESOLUTION.

EXPANSION SLOTS
AMD RYZEN™ 7000 SERIES DESKTOP PROCESSORS*
1 X PCIE 4.0/3.0 X16 SLOT(S)
AMD B650 CHIPSET
1 X PCIE 4.0/3.0 X16 SLOT (SUPPORTS X4 MODE)
2 X PCIE 4.0/3.0 X1 SLOTS
* PLEASE CHECK PCIE BIFURCATION TABLE ON SUPPORT SITE
(HTTPS://WWW.ASUS.COM/SUPPORT/FAQ/1037507//).

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 2242/2260/2280/22110 (SUPPORTS PCIE 4.0 X4 MODE)
AMD B650 CHIPSET
M.2_3 SLOT (KEY M), TYPE 2242/2260/2280 (SUPPORTS PCIE 4.0 X4 MODE)**
4 X SATA 6GB/S PORTS
* AMD RAIDXPERT2 TECHNOLOGY SUPPORTS BOTH PCIE RAID 0/1/10 AND SATA RAID 0/1/10.

** M.2_3 SHARES BANDWIDTH WITH PCIEX16_2. PCIEX16_2 WILL BE SUSPENDED ONCE M.2_3 IS POPULATED.

ETHERNET
1 X REALTEK 2.5GB ETHERNET
TUF LANGUARD

WIRELESS & BLUETOOTH
WI-FI 6
2X2 WI-FI 6 (802.11 A/B/G/N/AC/AX)
SUPPORTS 2.4/5GHZ FREQUENCY BAND

BLUETOOTH V5.2

USB
REAR USB (TOTAL 8 PORTS)
1 X USB 3.2 GEN 2X2 PORT(S) (1 X USB TYPE-C®)
3 X USB 3.2 GEN 2 PORT(S) (2 X TYPE-A + 1 X USB TYPE-C®)
4 X USB 2.0 PORT(S) (4 X TYPE-A)

FRONT USB (TOTAL 7 PORTS)
1 X USB 3.2GEN 1 CONNECTOR (SUPPORTS USB TYPE-C®)
1 X USB 3.2 GEN 1 HEADER(S) SUPPORT(S) ADDITIONAL 2 USB 3.2 GEN 1 PORTS
2 X USB 2.0 HEADER(S) SUPPORT(S) ADDITIONAL 4 USB 2.0 PORTS

AUDIO
REALTEK 7.1 SURROUND SOUND HIGH DEFINITION AUDIO CODEC*
- SUPPORTS: JACK-DETECTION, MULTI-STREAMING, FRONT PANEL JACK-RETASKING
- SUPPORTS UP TO 24-BIT/192 KHZ PLAYBACK
AUDIO FEATURES
- AUDIO SHIELDING
- POWER PRE-REGULATOR REDUCES POWER INPUT NOISE TO ENSURE CONSISTENT PERFORMANCE
- PREMIUM AUDIO CAPACITORS
- DEDICATED AUDIO PCB LAYERS
- AUDIO COVER
- UNIQUE DE-POP CIRCUIT
* DUE TO LIMITATIONS IN HDA BANDWIDTH, 32-BIT/192 KHZ IS NOT SUPPORTED FOR 7.1 SURROUND SOUND AUDIO.
** A CHASSIS WITH AN HD AUDIO MODULE IN THE FRONT PANEL IS REQUIRED TO SUPPORT 7.1 SURROUND SOUND AUDIO OUTPUT.

BACK PANEL I/O PORTS
1 X USB 3.2 GEN 2X2 PORT(S) (1 X USB TYPE-C®)
3 X USB 3.2 GEN 2 PORT(S) (2 X TYPE-A + 1 X USB TYPE-C®)
4 X USB 2.0 PORT(S) (4 X TYPE-A)
1 X DISPLAYPORT
1 X HDMI® PORT
1 X WI-FI MODULE
1 X REALTEK 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(S)
1 X 4-PIN CPU OPT FAN HEADER(S)
1 X 4-PIN AIO PUMP HEADER(S)
4 X 4-PIN CHASSIS FAN HEADER(S)
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 1 CONNECTOR (SUPPORT(S) USB TYPE-C®)
1 X USB 3.2 GEN 1 HEADER(S) SUPPORT(S) 2 ADDITIONAL USB 3.2 GEN 1 PORTS
2 X USB 2.0 HEADER(S) SUPPORT(S) 4 ADDITIONAL USB 2.0 PORTS

MISCELLANEOUS
3 X ADDRESSABLE GEN 2 HEADER(S)
1 X AURA RGB HEADER(S)
1 X CLEAR CMOS HEADER
1 X COM PORT HEADER
1 X FRONT PANEL AUDIO HEADER (AAFP)
20-3 PIN SYSTEM PANEL HEADER WITH CHASSIS INTRUDE FUNCTION
1 X THUNDERBOLT™ (USB4®) HEADER
SPECIAL FEATURES
ASUS TUF PROTECTION
- DIGI+ VRM (- DIGITAL POWER DESIGN WITH DRMOS)
- ENHANCED DRAM OVERCURRENT PROTECTION
- ESD GUARDS
- TUF LANGUARD
- OVERVOLTAGE PROTECTION
- SAFESLOT CORE+
- STAINLESS-STEEL BACK I/O
ASUS Q-DESIGN
- M.2 Q-LATCH
- Q-DIMM
- Q-LED (CPU [RED], DRAM [YELLOW], VGA [WHITE], BOOT DEVICE [YELLOW GREEN])
- 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
- SAFEDIMM

AURA SYNC
- AURA RGB HEADER(S)
- ADDRESSABLE GEN 2 HEADER(S)
SOFTWARE FEATURES
ASUS EXCLUSIVE SOFTWARE
ARMOURY CRATE
- AURA CREATOR
- AURA SYNC
- FAN XPERT 4
- POWER SAVING
- TWO-WAY AI NOISE CANCELLATION
AI SUITE 3
- TURBOV EVO
- DIGI+ VRM
- PC CLEANER
TUF GAMING CPU-Z
DTS AUDIO PROCESSING
MYASUS
NORTON ANTI-VIRUS SOFTWARE (FREE TRIAL VERSION)
WINRAR
UEFI BIOS
ASUS EZ DIY
- ASUS CRASHFREE BIOS 3
- ASUS EZ FLASH 3
- ASUS UEFI BIOS EZ MODE

BIOS
256 MB FLASH ROM, UEFI AMI BIOS

OPERATING SYSTEM
WINDOWS® 11
WINDOWS® 10 64-BIT

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

Informacion Comercial:
ASUS TUF GAMING B650-PLUS WIFI TOMA TODOS LOS ELEMENTOS ESENCIALES DE LOS ÚLTIMOS PROCESADORES DE LA SERIE AMD RYZEN 7000 Y LOS COMBINA CON FUNCIONES LISTAS PARA JUGAR Y DURABILIDAD COMPROBADA. DISEñADA CON COMPONENTES DE GRADO MILITAR, UNA SOLUCIóN DE ALIMENTACIóN MEJORADA Y UN SISTEMA DE REFRIGERACIóN INTEGRAL, ESTA PLACA BASE SUPERA LAS EXPECTATIVAS CON UN RENDIMIENTO SóLIDO Y ESTABLE PARA JUEGOS DE MARATóN. LAS PLACAS BASE TUF GAMING TAMBIéN SE SOMETEN A RIGUROSAS PRUEBAS DE RESISTENCIA PARA GARANTIZAR QUE PUEDAN SOPORTAR CONDICIONES EN LAS QUE OTRAS PUEDEN FALLAR. ESTéTICAMENTE, ESTE MODELO INCORPORA ELEMENTOS DE DISEñO GEOMéTRICOS Y DE COLOR NEGRO OSCURO PARA REFLEJAR LA CONFIABILIDAD Y ESTABILIDAD QUE DEFINE A LA SERIE TUF GAMING.