

## **TUF GAMING B760-PLUS WIFI**

MB ASUS B760 INTEL S-1700 13A GEN/4X DDR5  
5000/DP/HDMI/M.2/5X USB 3.2/USB-C/WIFI  
6/BLUETOOTH/ATX/GAMA MEDIA/GAMER/RGB



### **Informacion Tecnica:**

#### **CPU**

INTEL SOCKET LGA1700 FOR 13TH GEN INTEL CORE & 12TH GEN  
INTEL CORE, PENTIUM GOLD AND CELERON PROCESSORS\*  
SUPPORTS INTEL TURBO BOOST TECHNOLOGY 2.0 AND INTEL  
TURBO BOOST MAX TECHNOLOGY 3.0

\* REFER TO [WWW.ASUS.COM](http://WWW.ASUS.COM) FOR CPU SUPPORT LIST.

\*\* INTEL TURBO BOOST MAX TECHNOLOGY 3.0 SUPPORT  
DEPENDS ON THE CPU TYPES.

#### **CHIPSET**

INTEL B760 CHIPSET

#### **MEMORY**

4 X DIMM, MAX. 128GB, DDR5

7200(OC)/7000(OC)/6800(OC)/6600(OC)/6400(OC)/ 6200(OC)/  
6000(OC)/ 5800(OC)/ 5600/ 5400/5200/ 5000/ 4800 NON-ECC, UN-  
BUFFERED MEMORY\*

DUAL CHANNEL MEMORY ARCHITECTURE

SUPPORTS INTEL EXTREME MEMORY PROFILE (XMP)

OPTIMEM II

\* SUPPORTED MEMORY TYPES, DATA RATE (SPEED), AND  
NUMBER OF DRAM MODULES VARY DEPENDING ON THE CPU  
AND MEMORY CONFIGURATION, FOR MORE INFORMATION  
PLEASE REFER TO CPU/MEMORY SUPPORT UNDER THE

SUPPORT TAB OR VISIT [HTTPS://WWW.ASUS.COM/SUPPORT/](https://www.asus.com/support/)

\* NON-ECC, UN-BUFFERED DDR5 MEMORY SUPPORTS ON-DIE  
ECC FUNCTION.

## GRAPHICS

1 X DISPLAYPORT

1 X HDMITM PORT

GRAPHICS SPECIFICATIONS MAY VARY BETWEEN CPU TYPES.

PLEASE REFER TO [WWW.INTEL.COM](http://WWW.INTEL.COM) FOR ANY UPDATES.

SUPPORTS MAX. 4K@60HZ AS SPECIFIED IN DISPLAYPORT 1.4.

SUPPORTS 4K@60HZ AS SPECIFIED IN HDMITM 2.1.

## EXPANSION SLOTS

INTEL 13TH & 12TH GEN PROCESSORS

1 X PCIE 5.0 X16 SLOT

INTEL B760 CHIPSET

1 X PCIE 3.0 X16 SLOT (SUPPORTS X4 MODE)\*

2 X PCIE 3.0 X1 SLOTS\*

\* PCIEX16(G3) SHARES BANDWIDTH WITH PCIEX1(G3)\_1 AND PCIEX1(G3)\_2 . WHEN PCIEX1(G3)\_1 OR PCIEX1(G3)\_2 RUNS AT PCIE X1 MODE, PCIEX16(G3) WILL ONLY RUN AT PCIE X2 MODE.  
- TO ENSURE COMPATIBILITY OF THE DEVICE INSTALLED, PLEASE REFER TO [HTTPS://WWW.ASUS.COM/SUPPORT/](https://www.asus.com/support/) FOR THE LIST OF SUPPORTED PERIPHERALS.

## STORAGE

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

INTEL 13TH & 12TH GEN PROCESSORS

M.2\_1 SLOT (KEY M), TYPE 2242/2260/2280 (SUPPORTS PCIE 4.0 X4 MODE)

INTEL B760 CHIPSET

M.2\_2 SLOT (KEY M), TYPE 2242/2260/2280/22110 (SUPPORTS PCIE 4.0 X4 MODE)

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

4 X SATA 6GB/S PORTS

\* INTEL RAPID STORAGE TECHNOLOGY SUPPORTS SATA RAID 0/1/5/10.

## 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

\*THE BLUETOOTH VERSION MAY VARY, PLEASE REFER TO THE WI-FI MODULE MANUFACTURERS WEBSITE FOR THE LATEST SPECIFICATIONS.

## USB

### REAR USB (TOTAL 6 PORTS)

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

1 X USB 3.2 GEN 2 PORT (1 X TYPE-A)

3 X USB 3.2 GEN 1 PORTS (3 X TYPE-A)

1 X USB 2.0 PORT (1 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 2 ADDITIONAL USB 3.2 GEN 1 PORTS

2 X USB 2.0 HEADERS SUPPORT 4 ADDITIONAL 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

- REAR OPTICAL S/PDIF OUT PORT

- PREMIUM AUDIO CAPACITORS

- DEDICATED AUDIO PCB LAYERS

- AUDIO COVER

## BACK PANEL I/O PORTS

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

1 X USB 3.2 GEN 2 PORT (1 X TYPE-A)

3 X USB 3.2 GEN 1 PORTS (3 X TYPE-A)

1 X USB 2.0 PORT (1 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 OPTICAL S/PDIF OUT PORT

### 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 2 ADDITIONAL USB 3.2 GEN 1 PORTS

2 X USB 2.0 HEADERS SUPPORT 4 ADDITIONAL USB 2.0 PORTS

## MISCELLANEOUS

3 X ADDRESSABLE GEN 2 HEADERS

1 X AURA RGB HEADER

1 X CLEAR CMOS HEADER

1 X COM PORT HEADER

1 X FRONT PANEL AUDIO HEADER (AAFP)

1 X 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)

- 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

- CPU SOCKET LEVER PROTECTOR

- PROCOOL

- PRE-MOUNTED I/O SHIELD

- SAFESLOT CORE+

- SAFEDIMM

## AURA SYNC

- AURA RGB HEADER

- ADDRESSABLE GEN 2 HEADERS

## SOFTWARE FEATURES

ASUS EXCLUSIVE SOFTWARE

## ARMOURY CRATE

- AURA CREATOR
- AURA SYNC
- FAN XPERT 4
- POWER SAVING
- TWO-WAY AI NOISE CANCELLATION

## AI SUITE 3

- DIGI+ VRM
- PC CLEANER

## TUF GAMING CPU-Z

## DTS AUDIO PROCESSING

## MYASUS

## NORTON 360 FOR GAMERS

## WINRAR

## UEFI BIOS

## ASUS EZ DIY

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

## BIOS

128 MB FLASH ROM, UEFI AMI BIOS

## MANAGEABILITY

WOL BY PME, PXE

## ACCESSORIES

### CABLES

2 X SATA 6GB/S CABLES

### MISCELLANEOUS

1 X ASUS WI-FI MOVING ANTENNA

1 X TUF GAMING STICKER

2 X M.2 RUBBER PACKAGES

1 X SCREW PACKAGE FOR M.2 SSD

### DOCUMENTATION

1 X TUF CERTIFICATION CARD

1 X USER GUIDEOPERATING 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:**

MOTHERBOARD INTEL B760 (LGA 1700) ATX CON PUERTO PCIE

5.0, DDR5, TRES PUERTOS PCIE 4.0 M.2, 12+1 DRMOS, REALTEK

2.5GB ETHERNET, DISPLAYPORT, HDMI, USB FRONTAL 3.2 GEN 2

TIPO-C®, AURA SYNC, AEMP II

SOCKET INTEL LGA 1700: LISTO PARA PROCESADORES INTEL DE 13A Y 12A GENERACION.

SOLUCION DE ENERGIA MEJORADA: 12+1 DRMOS, PCB DE SEIS CAPAS, CONECTORES PROCOOL, CHOKES DE ALEACION Y CAPACITORES DURADEROS PARA UNA ENTREGA DE ENERGIA ESTABLE Y UTILIDAD FAN XPERT 4.

ENFRIAMIENTO COMPLETO: DISIPADOR DE CALOR VRM GRANDE, DISIPADORES DE CALOR M.2, DISIPADOR DE CALOR PCH, PUERTOS PARA VENTILADOR HIBRIDO Y FAN XPERT 2+. CONECTIVIDAD MAS RECIENTE: PUERTO PCIE 5.0, PUERTOS PCIE 4.0 M.2, USB 3.2 GEN 2X2 TYPE-C POSTERIOR, PUERTO PARA PANEL FRONTAL USB 3.2 GEN 2 TYPE-C; Y COMPATIBILIDAD CON THUNDERBOLT 4(USB4).

CANCELACION DE RUIDO DE IA BIDIRECCIONAL: REDUCE EL RUIDO DE FONDO DEL MICR6FONO Y LA SALIDA DE AUDIO PARA UNA COMUNICACION NITIDA EN JUEGOS O VIDEOCONFERENCIAS.