

PRIME B760-PLUS D4

MB ASUS B760 INTEL S-1700 13A GEN/4X DDR4 2666/DP/HDMI/VGA/M.2/3X USB 3.2/USB-C/ATX/GAMA MEDIA/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 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, DDR4

5066(OC)/5000(OC)/4800(OC)/4600(OC)/4400(OC)/4266(OC)/4000(OC)/3733(OC)/3600(OC)/3466(OC)/3400(OC)/3333(OC)/3200/3000/2933/2800/2666/2400/2133 NON-ECC, UN-BUFFERED MEMORY*

DUAL CHANNEL MEMORY ARCHITECTURE

SUPPORTS INTEL EXTREME MEMORY PROFILE (XMP)

OPTIMEM

* 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 LIST UNDER THE SUPPORT TAB OF PRODUCT INFORMATION SITE OR VISIT [HTTPS://WWW.ASUS.COM/SUPPORT/](https://www.asus.com/support/).

GRAPHICS

1 X DISPLAYPORT

1 X VGA PORT

1 X HDMI PORT

GRAPHICS SPECIFICATIONS MAY VARY BETWEEN CPU TYPES. PLEASE REFER TO WWW.INTEL.COM FOR ANY UPDATES.

SUPPORTS MAX. 4K60HZ AS SPECIFIED IN DISPLAYPORT 1.4.

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

EXPANSION SLOTS

INTEL 13TH & 12TH GEN PROCESSORS*

1 X PCIE 5.0 X16 SLOT

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1 X PCIE 4.0 X16 SLOT (SUPPORTS X4 MODE)

2 X PCIE 3.0 X1 SLOTS

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)

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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 X2 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

WIRELESS & BLUETOOTH

VERTICAL M.2 SLOT ONLY (KEY E, CNVI & PCIE)*

* WI-FI MODULE IS SOLD SEPARATELY.

USB

REAR USB (TOTAL 6 PORTS)

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

2 X USB 3.2 GEN 2 PORTS (2 X TYPE-A)

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

2 X USB 2.0 PORTS (2 X TYPE-A)

FRONT USB (TOTAL 7 PORTS)

1 X USB 3.2 GEN 1 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

- PREMIUM AUDIO CAPACITORS

- DEDICATED AUDIO PCB LAYERS

* 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 (1 X USB TYPE-C)

2 X USB 3.2 GEN 2 PORTS (2 X TYPE-A)

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

2 X USB 2.0 PORTS (2 X TYPE-A)

1 X DISPLAYPORT

1 X VGA PORT

1 X HDMI PORT

1 X VERTICAL M.2 SLOT (KEY E)

1 X REALTEK 2.5GB ETHERNET PORT

3 X AUDIO JACKS

INTERNAL I/O CONNECTORS FAN AND COOLING RELATED

1 X 4-PIN CPU FAN HEADER

1 X 4-PIN AIO PUMP HEADER

3 X 4-PIN CHASSIS FAN HEADERS

POWER RELATED

1 X 24-PIN MAIN POWER CONNECTOR

1 X 8-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 (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 S/PDIF OUT HEADER

1 X SPI TPM HEADER (14-1PIN)

1 X 20-3 PIN SYSTEM PANEL HEADER WITH CHASSIS INTRUDE FUNCTION

1 X THUNDERBOLT™ (USB4®) HEADER

SPECIAL FEATURES

ASUS 5X PROTECTION III

- DIGI+ VRM

- LANGUARD
 - OVERVOLTAGE PROTECTION
 - SAFESLOT CORE+
 - STAINLESS-STEEL BACK I/O
- ASUS Q-DESIGN
- Q-DIMM
 - Q-LED CORE
 - Q-SLOT
- ASUS THERMAL SOLUTION
- M.2 HEATSINK
 - VRM HEATSINK DESIGN
- ASUS EZ DIY
- PROCOOL
- AURA SYNC
- AURA RGB HEADER
 - ADDRESSABLE GEN 2 HEADERS

SOFTWARE FEATURES ASUS EXCLUSIVE SOFTWARE

ARMOURY CRATE

- AURA CREATOR
- AURA SYNC
- FAN XPERT 2+
- POWER SAVING

AI SUITE 3

- DIGI+ VRM
- PC CLEANER

ASUS CPU-Z

NORTON 360 DELUXE (60 DAYS FREE TRIAL)

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 I/O SHIELD

1 X M.2 RUBBER PACKAGE

2 X SCREW PACKAGES FOR M.2 SSD

DOCUMENTATION

1 X USER GUIDE

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:

1. ZÓCALO INTEL® LGA 1700: LISTO PARA PROCESADORES INTEL CORE DE 13 GENERACIÓN
2. CONECTIVIDAD ULTRARRÁPIDA: PCIE 5.0, TRES RANURAS PCIE 4.0 M.2, REALTEK 2.5GB ETHERNET, USB 3.2 GEN 2X2 TYPE-C POSTERIOR, USB 3.2 GEN 1 TYPE-C FRONTAL Y COMPATIBILIDAD CON ENCABEZADO THUNDERBOLT (USB4)
3. REFRIGERACIÓN INTEGRAL: DISIPADORES DE CALOR VRM, DISIPADOR DE CALOR M.2, DISIPADOR DE CALOR PCH, ENCABEZADOS DE VENTILADOR HÍBRIDO Y FAN XPERT 2+
4. ASUS OPTIMEM: ENRUTAMIENTO CUIDADOSO DE RASTROS Y VÍAS PARA PRESERVAR LA INTEGRIDAD DE LA SEÑAL PARA MEJORAR LA ESTABILIDAD DE LA MEMORIA

5. ILUMINACIÓN AURA SYNC RGB: ENCABEZADOS GEN 2 DIRECCIONABLES INTEGRADOS Y ENCABEZADO AURA RGB PARA TIRAS DE LED RGB, SINCRONIZADOS FÁCILMENTE CON HARDWARE COMPATIBLE CON AURA SYNC