



Asus TUF GAMING Z790-PLUS WIFI, Intel Z790, 1700, ATX, 4 DDR5, HDMI, DP, Wi-Fi 6E, 2.5G LAN, PCIe5, RGB, 4x M.2

**Motherboard Type:** Desktop

**Form Factor:** ATX

**Socket:** Intel 1700

**Chipset:** Intel Z790

**RAM Technology:** DDR5 (Dual Channel)

**RAM Slots:** 4 x DIMM

**RAM Speeds:** Up to 7200(OC)

**Maximum Memory:** 192GB

**Graphics:**

Integrated Graphics\*

*\*Graphics specifications may vary between CPU types*

**Graphics Ports**

1 x HDMI

1 x DisplayPort

**PCI/PCI Express**

1 x PCIe 5.0 x16

1 x PCIe 4.0 x16 (supports x4 mode)

1 x PCIe 4.0 x4

2 x PCIe 3.0 x1

## **Storage**

4 x SATA III

1 x M.2 (2242/2260/2280/22110) - PCIe

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1 x M.2 (2242/2260/2280) - SATA & PCIe

## **RAID**

Intel Rapid Storage Technology supports PCIe RAID 0/1/5/10, SATA RAID 0/1/5/10

## **Wireless**

Wi-Fi 6E

2x2 Wi-Fi 6E (802.11 a/b/g/n/ac/ax)

Supports 2.4/5/6GHz frequency band

Bluetooth v5.3

## **LAN**

2.5GB LAN

## **Audio**

Realtek S1220A 7.1 Surround Sound High Definition Audio CODEC

## **USB Ports Supported**

1 x USB 3.2 Gen2x2 Type-C (at back)

1 x USB 3.2 Gen2 Type-C (at back)

2 x USB 3.2 Gen2 Type-A (at back)

6 x USB 3.2 Gen1 (4 at back, 2 at mid-board)

4 x USB 2.0 (at mid-board)

1 x Front Panel Type-C USB 3.2 Gen2 Header

## **Back Panel I/O Ports**

1 x USB 3.2 Gen2x2 Type-C

3 x USB 3.2 Gen2 (2 Type-A, 1 Type-C)

4 x USB 3.2 Gen1 Type-A

1 x DisplayPort

1 x HDMI

1 x Wi-Fi Module

1 x Intel 2.5Gb Ethernet

5 x Audio jacks

1 x Optical S/PDIF out

## **Internal I/O Connectors**

1 x 4-pin CPU Fan

1 x 4-pin CPU OPT Fan

1 x 4-pin AIO Pump  
4 x 4-pin Chassis Fan  
1 x 24-pin Main  
2 x 8-pin +12V  
4 x M.2 (Key M)  
4 x SATA 6Gb/s  
1 x USB 3.2 Gen2 Type-C  
1 x USB 3.2 Gen1  
2 x USB 2.0  
3 x Addressable Gen2

1 x Aura RGB  
1 x Clear CMOS  
1 x COM Port  
1 x Front Panel Audio  
1 x 20-3 pin System Panel  
1 x Thunderbolt (USB4)

### **Accessories**

2 x SATA 6Gb/s cables  
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  
1 x TUF Certification card  
1 x User guide

### **Warranty**

3 Years