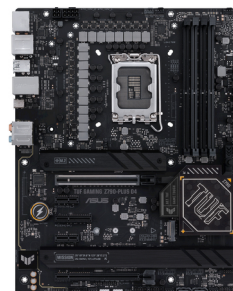**ASUS**

# ASUS TUF GAMING Z790-PLUS D4 Intel Z790 LGA 1700 ATX

**Marque :** ASUS        **Code produit:** 90MB1CQ0-M0EAY0

**Nom du produit :** TUF GAMING Z790-PLUS D4

ASUS TUF GAMING Z790-PLUS D4. Fabricant de processeur: Intel, Socket de processeur (réceptable de processeur): LGA 1700, Processeurs compatibles: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Types de mémoire pris en charge: DDR4-SDRAM, Mémoire interne maximale: 128 Go, Mémoire de type fentes: DIMM. Interfaces de lecteur de stockage prises en charge: M.2, SATA III, Types de lecteurs de stockage pris en charge: HDD & SSD, Niveaux RAID: 0, 1, 5, 10. Type d'interface Ethernet: 2.5 Gigabit Ethernet. composant pour: PC, Elément de forme de carte mère: ATX, famille de composant de produits: Intel

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor socket * | LGA 1700 |
| Compatible processor series * | Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold |
| Supported processor sockets | LGA 1700 |

### Memory

| | |
|---|---|
| Supported memory types * | DDR4-SDRAM |
| Number of memory slots * | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| ECC compatibility | Non-ECC |
| Supported memory clock speeds | 5333,5133,5066,5000,4800,4700,4600,4500,4400,4266,4133,4000,3866,3733,3600,3466,3400,3333,3200,3000,2933,2800,2666,2400,2133 MHz |
| Supported memory clock speed (max) | 5333 MHz |
| Maximum internal memory * | 128 GB |
| Unbuffered memory | ✔ |

## Storage controllers

| | |
|---|---|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, SATA III |
| Number of storage drives supported | 8 |
| RAID support | ✔ |
| RAID levels | 0, 1, 5, 10 |

## Graphics

| | |
|---|---|
| Parallel processing technology support * | Not supported |

## Internal I/O

| | |
|---|---|
| USB 2.0 connectors * | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors * | 1 |
| Number of SATA III connectors * | 4 |
| Front panel audio connector | ✔ |

## Rear panel I/O ports

| | |
|---|---|
| USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Ethernet LAN (RJ-45) ports * | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.1 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.4 |
| Headphone outputs | 1 |
| Line-in | ✔ |
| Microphone in | ✔ |
| S/PDIF out port | ✔ |

## Network

| | |
|---|---|
| Ethernet LAN | ✔ |
| Ethernet interface type | 2.5 Gigabit Ethernet |
| Wi-Fi * | ✗ |

## Features

| | |
|---|---|
| Motherboard chipset * | Intel Z790 |
| Audio chip | Realtek S1220A |
| Audio output channels * | 7.1 channels |
| Component for * | PC |
| Motherboard form factor * | ATX |
| Motherboard chipset family * | Intel |
| Power source type | ATX |
| Windows operating systems supported | Windows 10 x64, Windows 11 x64 |

## Expansion slots

| | |
|---|---|
| PCI Express x1 (Gen 3.x) slots | 2 |

## Internal I/O

| | |
|---|---|
| ATX Power connector (24-pin) | ✔ |
| CPU fan connector | ✔ |
| Number of chassis fan connectors | 4 |
| EPS power connector (8-pin) | ✔ |
| Number of COM connectors | 1 |
| Thunderbolt headers | 1 |
| 12V power connector | ✔ |
| RGB LED pin header | ✔ |

## Rear panel I/O ports

| | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |

## Expansion slots

| | |
|---|---|
| PCI Express x4 (Gen 4.x) slots | 1 |
| PCI Express x16 (Gen 4.x) slots | 1 |
| PCI Express x16 (Gen 5.x) slots | 1 |
| Number of M.2 (M) slots | 4 |

## BIOS

| | |
|---|---|
| BIOS type * | UEFI AMI |
| BIOS memory size | 192 Mbit |

## Packaging data

| | |
|---|---|
| Package width | 340 mm |
| Package depth | 70 mm |
| Package height | 275 mm |
| Package weight | 2.14 kg |

## Weight & dimensions

| | |
|---|---|
| Width | 305 mm |
| Depth | 244 mm |
| Height | 49 mm |

## Packaging content

| | |
|---|---|
| Cables included | SATA |
| User guide | ✔ |
| Drivers included | ✔ |

## Other features

| | |
|---|---|
| Weight | 1.33 kg |

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