# ASUS TUF Gaming Z790-PRO Intel Z790 LGA 1700 ATX

**Brand :** ASUS

**Product code:** 90MB1FJ0-M0EAY0

**Product name :** TUF Gaming Z790-PRO

ASUS TUF Gaming Z790-PRO. Protsessori tootja: AMD, Protsessori pesa: LGA 1700, Ühilduvad protsessoriseeriad: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Toetatud mälutüübid: DDR5-SDRAM, Maksimaalne sisemälu: 192 GB, Mälupesa tüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 5, 10. Ethernet-liidese tüüp: 2.5 Gigabit Ethernet, Wi-Fi standard: Wi-Fi 6E (802.11ax), WiFi-standardid: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E.... Komponent: PC, Emaplaadi kujutegur: ATX, Emaplaadi kiibistik: Intel

| Processor | |
|---|---|
| Processor manufacturer * | AMD |
| 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 * | DDR5-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) | 7800 MHz |
| Maximum internal memory * | 192 GB |
| Unbuffered memory | ✔ |

| Storage controllers | |
|---|---|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, SATA III |
| 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 | ✔ |
| ATX Power connector (24-pin) | ✔ |

| Rear panel I/O ports | |
|---|---|
| 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 | ✔ |
| WiFi-AP antenna jack | 2 |

| Network | |
|---|---|
| Ethernet LAN | ✔ |
| Ethernet interface type | 2.5 Gigabit Ethernet |
| Wi-Fi * | ✔ |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax) |
| Bluetooth | ✔ |
| Bluetooth version | 5.2 |

| 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 |

| Internal I/O | |
|---|---|
| CPU fan connector | ✔ |
| Number of chassis fan connectors | 4 |
| EPS power connector (8-pin) | ✔ |
| 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 |
| USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Ethernet LAN (RJ-45) ports * | 1 |

| Features | |
|---|---|
| Windows operating systems supported | Windows 10, Windows 11 |

| Expansion slots | |
|---|---|
| PCI Express x1 (Gen 3.x) slots | 2 |
| 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 |
| Clear CMOS button | ✔ |

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

| Weight & dimensions | |
|---|---|
| Width | 305 mm |
| Depth | 244 mm |

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

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