ASUS

ASUS ROG STRIX Z790-I GAMING WIFI Intel Z790 LGA 1700 mini ITX

Brand : ASUS

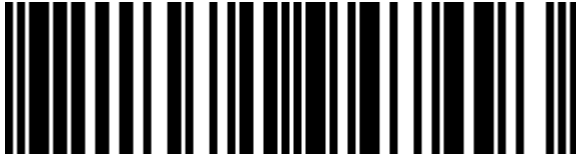**Product code:** 90MB1CM0-M0EAY0

Product name : ROG STRIX Z790-I GAMING WIFI

Intel® Z790 LGA 1700 Mini-ITX motherboard with 10+1 power stages, DDR5, two M.2 slots, PCIe® 5.0 NVMe® SSD slot, PCIe 5.0 x16 SafeSlot, ROG Strix Hive with AI Overclocking button, Wi-Fi 6E , USB 3.2 Gen 2x2 Type-C® rear IO port and front panel connector, two Thunderbolt™ 4 ports and AI Cooling II

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 *	2							
Memory slots type	DIMM							
Memory channels	Dual-channel							
Non-ECC	✓							
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600 MHz							
Supported memory clock speed (max)	7600 MHz							
Maximum internal memory *	64 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

Graphics

Parallel processing technology support *	Not supported

Internal I/O

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 *	2
Front panel audio connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
Number of chassis fan connectors	1
EPS power connector (8-pin)	✓
12V power connector	✓

Rear panel I/O ports

Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt ports quantity	2
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	5.3

Features

Motherboard chipset *	Intel Z790
Component for *	PC
Motherboard form factor *	mini ITX
Motherboard chipset family *	Intel
Power source type	ATX
Windows operating systems supported	Windows 10, Windows 11

Expansion slots

PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS button	✓

Packaging data

Package width	285 mm

Internal I/O

RGB LED pin header	✓

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
USB 3.2 Gen 2x2 Type-C ports quantity	1

Packaging data

Package depth	220 mm
Package height	110 mm
Package weight	1.48 kg

Weight & dimensions

Width	170 mm
Depth	170 mm

Packaging content

Cables included	SATA
User guide	✓
Drivers included	✓

Other features

Packaging content	Cables 2 x SATA 6Gb/s cables 1 x ROG USB2.0 splitter cable 1 x Panel Cable ROG FPS-II Card 1 x ROG FPS-II Card ROG STRIX HIVE 1 x ROG STRIX HIVE 1 x USB Type-C® power connection cable Additional Cooling Kit 1 x Thermal pad for M.2 Miscellaneous 1 x ASUS Wi-Fi moving antennas 1 x Cable ties pack 1 x Rubber Package(s) for M.2 1 x Q-Latch package(s) for M.2 1 x ROG key chain 1 x ROG Strix stickers 1 x ROG Strix thank you card

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