



## MSI MAG Z690 TORPEDO Intel Z690 LGA 1700 ATX

Marke : MSI

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Produktname : MAG Z690 TORPEDO

MSI MAG Z690 TORPEDO. Prozessorhersteller: Intel, Prozessorsockel: LGA 1700, Kompatible Prozessoren: Intel® Celeron®, Intel® Core™ i3, Intel Core i5, Intel Core i7, Intel Core i9, Intel® Pentium®. Unterstützte Arbeitsspeicher: DDR5-SDRAM, RAM-Speicher maximal: 128 GB, Arbeitsspeicher Typ: DIMM. Unterstützte Speicherlaufwerk-Schnittstellen: M.2,SATA III, Unterstützte Speicherlaufwerke: HDD & SSD. Parallele Verarbeitungstechnologie: Crossfire. Ethernet Schnittstellen Typ: 2.5 Gigabit Ethernet, LAN-Controller: Intel I225-V



Prozessor		E/A-Anschlüsse auf der Rückseite	
Prozessorhersteller *	Intel	Anzahl USB 3.2 Gen 1 (3.1 Gen 1) Typ-A Ports *	2
Prozessorsockel *	LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Anzahl der Steckplätze vom Typ A *	3
Kompatible Prozessoren *	Intel® Celeron®, Intel® Core™ i3, Intel Core i5, Intel Core i7, Intel Core i9, Intel® Pentium®	USB 3.2 Gen 2 (3.1 Gen 2) Anzahl der Steckplätze vom Typ C *	1
Maximale Anzahl an SMP-Prozessoren	1	USB 3.2 Gen 2x2 Typ-C Anzahl Anschlüsse	1
Speicher		Anzahl Ethernet-LAN-Anschlüsse (RJ-45) *	1
Unterstützte Arbeitsspeicher *	DDR5-SDRAM	Anzahl HDMI-Anschlüsse *	1
Anzahl der Speichersteckplätze *	4	HDMI-Version	2.1
Arbeitsspeicher Typ	DIMM	Anzahl DisplayPort Anschlüsse	1
Speicherkanäle	Dual-channel	DisplayPorts-Version	1.4
Ohne ECC	✓	S/PDIF-Ausgang	✓
Unterstützte Arbeitsspeichergeschwindigkeit	4000,5400,6400 MHz	Optischer Audio-Digitalausgang	1
RAM-Speicher maximal *	128 GB	Netzwerk	
Unbuffered Speicher	✓	Eingebauter Ethernet-Anschluss	✓
Speicher-Controller		Ethernet Schnittstellen Typ	2.5 Gigabit Ethernet
Unterstützte Speicherlaufwerke	HDD & SSD	LAN-Controller	Intel I225-V
Unterstützte Speicherlaufwerk-Schnittstellen *	M.2,SATA III	WLAN *	✗
RAID-Unterstützung	✓	Merkmale	
RAID Level	0,1,5,10	Motherboard Chipsatz *	Intel Z690
Grafik		Audio-Chip	Realtek ALC4080
Parallele Verarbeitungstechnologie *	Crossfire	Audio Kanäle *	7.1 Kanäle
Interne E/A-Anschlüsse		Komponente für *	PC
Anzahl USB 2.0 Schnittstellen *	2	Motherboardformfaktor *	ATX
USB 3.2 Gen 1 (3.1 Gen 1) Anschlüsse *	1	Motherboard Chipsatz Familie *	Intel
SATA III Anschlüsse *	6	Erweiterungssteckplätze	
Front Panel Audiostecker	✓	PCI-Express x1 (Gen 3.x)-Anschlüsse	1
ATX Stromstecker (24-pol.)	✓	PCI-Express x16-Slots	3
CPU Ventilatorstecker	✓	Anzahl der M.2 (M)-Steckplätze	4
Zahl der Chassisventilatorstecker	6	BIOS	
Chassis Intrusion Stecker	✓	Clear CMOS-Jumper	✓
TPM-Verbinder	✓		

Interne E/A-Anschlüsse		Gewicht und Abmessungen	
12-V-Stromanschluss	✓	Breite	305 mm
E/A-Anschlüsse auf der Rückseite		Tiefe	244 mm
Anzahl USB 2.0 Anschlüsse *	2	Lieferumfang	
		Mitgelieferte Kabel	SATA
		Treiber enthalten	✓



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