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MB s1700 MSI PRO Z690-A DDR4

Šifra: 22104
Kategorija prozivoda: Matične ploče
Proizvođač: Nedefinisan1

Cena: 30.700,00



PROCESSOR

Supports 12th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors[1]
Processor socket LGA1700

1. Please go to msi.com to get the newest support status as new processors are released.
   See supported processors

CHIPSET Intel® Z690 Chipset

MEMORY

4x DDR4 memory slots, support up to 128GB [1]

	Max overclocking frequency:	
	1DPC 1R Max speed up to 5200+ MHz	1DPC 2R Max speed up to 4800+ MHz
	2DPC 1R Max speed up to 4400+ MHz	2DPC 2R Max speed up to 4000+ MHz
Supports 1R 2133/ 2666/ 2933/ 3200 MHz (by JEDEC & POR)		Supports Dual-Channel mode

Supports non-ECC, un-buffered memory
Supports Intel® Extreme Memory Profile (XMP)

1. Please refer www.msi.com for more information on compatible memory
   See supported memory

EXPANSION SLOT

3x PCIe x16 slots

	PCI_E3 & PCI_E4 (from Z690 chipset)	
PCI_E1 (from CPU) Supports up to PCIe 5.0 x16	Supports up to PCIe 3.0 x4 & 3.0 x1	1x PCIe 3.0 x1 slot (from Z690 chipset)

ONBOARD GRAPHICS

1x HDMI 2.1 with HDR port, supports a maximum resolution of 4K 60Hz [1][2]

1x DisplayPort 1.4 port, supports a maximum resolution of 4K 60Hz [1][2]

1. Available only on processors featuring integrated graphics.
2. Graphics specifications may vary depending on the CPU installed.

MULTI-GPU

Supports AMD® CrossFire™ Technology

STORAGE

4x M.2 slots (Key M)

- M2_1 slot (from CPU)
  - Supports PCIe 4.0 x4
  - Supports 2242/ 2260/ 2280/ 22110 storage devices
- M2_2 slot (from Z690 chipset)
  - Supports PCIe 4.0 x4
  - Supports 2242/ 2260/ 2280 storage devices
- M2_3 slot (from Z690 chipset)
  - Supports PCIe 3.0 x4
  - Supports SATA 6Gb/s
  - Supports 2242/ 2260/ 2280 storage devices
- M2_4 slot (from Z690 chipset)
  - Supports PCIe 4.0 x4
  - Supports SATA 6Gb/s
  - Supports 2242/ 2260/ 2280 storage devices
- Intel® Optane™ Memory Ready for M.2 slots that are from Z690 Chipset

6x SATA 6Gb/s ports (from Z690 chipset)

Support Intel® Smart Response Technology for Intel Core™ processors

RAID

Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices

Supports RAID 0, RAID 1 and RAID 5 for M.2 NVMe storage devices

USB

Intel® Z690 Chipset

- 1x USB 3.2 Gen 2x2 20Gbps Type-C port on the back panel
- 2x USB 3.2 Gen 2 10Gbps ports (1 Type-C internal connector and 1 Type-A port on the back panel)
- 6x USB 3.2 Gen 1 5Gbps ports (2 Type-A ports on the back panel, and 4 ports are available through the internal USB connectors)
- 4x USB 2.0 Type-A ports on the back panel

USB Hub GL850G

- 4x USB 2.0 ports are available through the internal USB connectors

AUDIO

Realtek® ALC897 Codec

7.1-Channel High Definition Audio

LAN

1x Intel® I225-V 2.5Gbps LAN

INTERNAL CONNECTORS

1x 24-pin ATX main power connector
6x SATA 6Gb/s connectors

1x USB 3.2 Gen 2 10Gbps Type-C port
2x USB 2.0 connectors (supports additional 4 USB 2.0 ports)
1x 4-pin water-pump fan connector
1x Front panel audio connector
1x Chassis Intrusion connector
1x TPM module connector
1x TBT connector (Supports RTD3)

2x 8-pin ATX 12V power connector
4x M.2 slots (M-Key)
2x USB 3.2 Gen 1 5Gbps connectors (supports additional 4 USB 3.2 Gen 1 5Gbps ports)

1x 4-pin CPU fan connector
6x 4-pin system fan connectors
2x System panel connectors
1x Clear CMOS jumper
1x Tuning controller connector

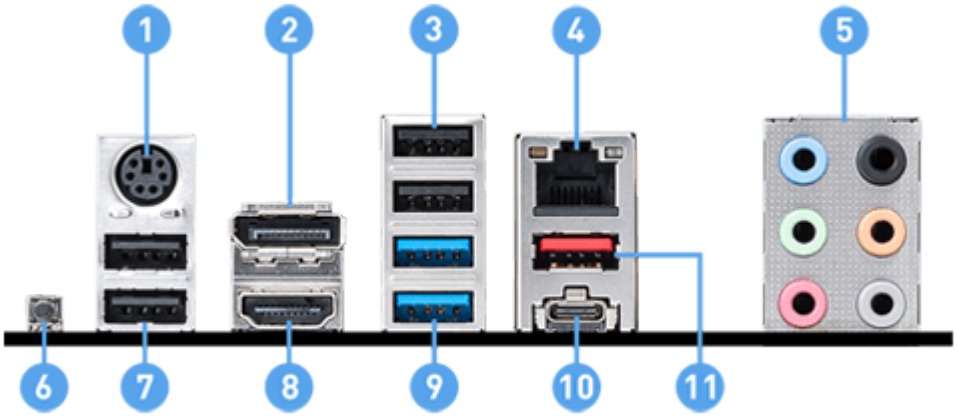
LED FEATURE

1x 4-pin RGB LED connector
4x EZ Debug LED

2x 3-pin RAINBOW LED connectors

BACK PANEL PORTS

1. Keyboard / Mouse
2. DisplayPort
3. USB 2.0
4. LAN port
5. Audio connector
6. Flash BIOS Button
7. USB 2.0
8. HDMI
9. USB 3.2 Gen 1 5Gbps Type-A
10. USB 3.2 Gen 2x2 20Gbps Type-C
11. USB 3.2 Gen 2 10Gbps Type-A



DIMENSIONS

ATX Form Factor

12 in. x 9.6 in. (30.5 cm x 24.4 cm)

MOUNTING

9 mounting holes

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.