

MB s1700 ASRock B660M-HDV 90-MXBH40-A0UAYZ

Šifra: 61783

Kategorija proizvoda: INTEL MATIČNE PLOČE

Proizvođač: asrock

Cena: **12.390,00** rsd.



Unique Feature

ASRock Super Alloy

- Premium Power Choke
- Sapphire Black PCB
- High Density Glass Fabric PCB

ASRock Hyper M.2 (PCIe Gen4x4)

ASRock Full Spike Protection (for all USB, Audio, LAN Ports)

ASRock Live Update & APP Shop

CPU

- Supports 13th Gen & 12th Gen Intel® Core™ Processors (LGA1700)
- Digi Power design
- 6 Power Phase design
- Supports Intel® Hybrid Technology
- Supports Intel® Turbo Boost Max 3.0 Technology

Chipset

- Intel® B660

Memory

- Dual Channel DDR4 Memory Technology
- 2 x DDR4 DIMM Slots
- Supports DDR4 non-ECC, un-buffered memory up to 5066+(OC)*
- Supports ECC UDIMM memory modules (operate in non-ECC mode)
- Max. capacity of system memory: 64GB
- Supports Intel® Extreme Memory Profile (XMP) 2.0

*Supports DDR4 3200 natively.

BIOS

- 128Mb AMI UEFI Legal BIOS with multilingual GUI support
- ACPI 6.0 Compliant wake up events
- SMBIOS 2.7 Support

- CPU Core/Cache, CPU GT, DRAM, VCCIN AUX, +1.05V PROC, +0.82V PCH, +1.05V PCH Voltage Multi-adjustment

Graphics

- Intel® Xe Graphics Architecture (Gen 12)
- Three graphics output options: D-Sub, HDMI and DisplayPort 1.4
- Supports HDMI 2.1 TMDS Compatible with max. resolution up to 4K x 2K (4096x2160) @ 60Hz
- Supports DisplayPort 1.4 with DSC (compressed) max. resolution up to 8K (7680x4320) @ 60Hz / 5K (5120x3200) @ 120Hz
- Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz
- Supports HDCP 2.3 with HDMI 2.1 TMDS Compatible and DisplayPort 1.4 Ports

*Intel® UHD Graphics Built-in Visuals and the VGA outputs can be supported only with processors which are GPU integrated.

Audio

- 7.1 CH HD Audio (Realtek ALC897/887 Audio Codec)
- Supports Surge Protection

LAN

- Gigabit LAN 10/100/1000 Mb/s
- Giga PHY Intel® I219V
- Supports Wake-On-LAN
- Supports Lightning/ESD Protection
- Supports Energy Efficient Ethernet 802.3az
- Supports UEFI PXE

Slots

CPU:

- 1 x PCIe 4.0 x16 Slot (PCIe1), supports x16 mode*

Chipset:

- 2 x PCIe 3.0 x1 Slots (PCIe2 and PCIe3)*
- 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module

*Supports NVMe SSD as boot disks

Storage

CPU:

- 1 x Hyper M.2 Socket (M2_1, Key M), supports type 2260/2280 PCIe Gen4x4 (64 Gb/s) mode*

Chipset:

- 1 x Ultra M.2 Socket (M2_2, Key M), supports type 2260/2280 SATA3 6.0 Gb/s & PCIe Gen3x4 (32 Gb/s) modes*
- 4 x SATA3 6.0 Gb/s Connectors**

*Supports Intel® Optane™ Memory H Series (M2_2 only)
Supports Intel® Volume Management Device (VMD)
Supports NVMe SSD as boot disks
Supports ASRock U.2 Kit

** If M2_2 is occupied by a SATA-type M.2 device,

SATA3_3 will be disabled.

RAID

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

Connector

- 1 x COM Port Header
- 1 x SPI TPM Header
- 1 x Chassis Intrusion and Speaker Header
- 1 x CPU Fan Connector (4-pin)*
- 1 x CPU/Water Pump Fan Connector (4-pin) (Smart Fan Speed Control)**
- 2 x Chassis/Water Pump Fan Connectors (4-pin) (Smart Fan Speed Control)***
- 1 x 24 pin ATX Power Connector
- 1 x 8 pin 12V Power Connector
- 1 x Front Panel Audio Connector
- 2 x USB 2.0 Headers (Support 3 USB 2.0 ports) (Supports ESD Protection)
- 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports) (Supports ESD Protection)

*The CPU Fan Connector supports the CPU fan of maximum 1A (12W) fan power.

**The CPU/Water Pump Fan supports the water cooler fan of maximum 2A (24W) fan power.

***The Chassis/Water Pump Fan supports the water cooler fan of maximum 2A (24W) fan power.
CPU_FAN2/WP and CHA_FAN1~2/WP can auto detect if 3-pin or 4-pin fan is in use.

Rear Panel I/O

- 2 x Antenna Mounting Points
- 1 x PS/2 Mouse/Keyboard Port
- 1 x D-Sub Port
- 1 x HDMI Port
- 1 x DisplayPort 1.4
- 3 x USB 3.2 Gen1 Type-A Ports (Supports ESD Protection)
- 1 x USB 3.2 Gen1 Type-C Port (Supports ESD Protection)
- 2 x USB 2.0 Ports (Supports ESD Protection)
- 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)
- HD Audio Jacks: Line in / Front Speaker / Microphone

Software and UEFI

Software

- ASRock Motherboard Utility (A-Tuning)
- ASRock XFast LAN

UEFI

- ASRock EZ Mode
- ASRock Full HD UEFI
- ASRock My Favorites in UEFI
- ASRock Instant Flash
- ASRock Easy RAID Installer

*These utilities can be downloaded from ASRock Live Update & APP Shop.

Support CD

- Drivers, Utilities, AntiVirus Software (Trial Version)

Accessories

- Quick Installation Guide, Support CD, I/O Shield
- 2 x SATA Data Cables
- 3 x Screws for M.2 Sockets

Hardware Monitor

- Fan Tachometer: CPU, CPU/Water Pump, Chassis/Water Pump Fans
- Quiet Fan (Auto adjust chassis fan speed by CPU temperature): CPU, CPU/Water Pump, Chassis/Water Pump Fans
- Fan Multi-Speed Control: CPU, CPU/Water Pump, Chassis/Water Pump Fans
- CASE OPEN detection
- Voltage monitoring: CPU Vcore, +1.05 PCH, DRAM, VCCIN AUX, +1.05V PROC, +0.82V PCH, +12V, +5V, +3.3V

Form Factor

- Micro ATX Form Factor: 9.6-in x 7.9-in, 24.4 cm x 20.1 cm
- Solid Capacitor design

OS

- Microsoft® Windows® 10 64-bit / 11 64-bit

Certifications

- FCC, CE
- ErP/EuP ready (ErP/EuP ready power supply is required)