

ASRock B560M Pro4 10th and 11th Gen Micro ATX Motherboard

Sale Price: 11800.0



PRODUCT ID: 00537

Basic Information

Supported CPU	- Supports 10th Gen Intel Core Processors and 11th Gen Intel Core Processors (LGA1200) - Digi Power design - 8 Power Phase design - Supports Intel Turbo Boost Max 3.0 Technology
Chipset	- Intel B560
BIOS	- 128Mb AMI UEFI Legal BIOS with multilingual GUI support - ACPI 6.0 Compliant wake up events - SMBIOS 2.7 Support - CPU Core/Cache, GT, DRAM, VPPM, VCCIN AUX, VCCSA,VCCIO Multi-adjustment
Form Factor	- Micro ATX Form Factor: 9.6-in x 9.6-in, 24.4 cm x 24.4 cm - Solid Capacitor design
Audio	- 7.1 CH HD Audio (Realtek ALC897 Audio Codec) - Supports Surge Protection - Nahimic Audio

Expansion Slots

PCI	11th Gen Intel Core Processors - 2 x PCI Express x16 Slots (PCIe1/PCIe3: single at Gen4x16 (PCIe1); dual at Gen4x16 (PCIe1) / Gen3x4 (PCIe3)) 10th Gen Intel Core Processors - 2 x PCI Express x16 Slots (PCIe1/PCIe3: single at Gen3x16 (PCIe1); dual at Gen3x16 (PCIe1) / Gen3x4 (PCIe3)) - 1 x PCI Express 3.0 x1 Slot - Supports AMD Quad CrossFireX and CrossFireX
M.2 Socket	- 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel CNVi (Integrated WiFi/BT)

Memory

Basic Information

Type	Dual Channel DDR4 Memory Technology
Slots	4 x DDR4 DIMM Slots
Supported Memory	<ul style="list-style-type: none"> - 11th Gen Intel Core Processors support DDR4 non-ECC, un-buffered memory up to 4800+(OC) - 10th Gen Intel Core Processors support DDR4 non-ECC, un-buffered memory up to 4600+(OC) - Supports ECC UDIMM memory modules (operate in non-ECC mode) - Supports Intel Extreme Memory Profile (XMP) 2.0
Maximum Memory	- Max. the capacity of system memory: 128GB

Graphics

Graphics	<ul style="list-style-type: none"> - 11th Gen Intel Core Processors support Intel Xe Graphics Architecture (Gen 12). 10th Gen Intel Core Processors support Gen 9 Graphics - Graphics, Media & Compute: Microsoft DirectX 12, OpenGL 4.5, Intel Built In Visuals, Intel Quick Sync Video, Hybrid / Switchable Graphics, OpenCL 2.1 - Display & Content Security: Rec. 2020 (Wide Color Gamut), Microsoft PlayReady 3.0, UHD/HDR Blu-ray Disc - Dual graphics output: support HDMI and DisplayPort 1.4 ports by independent display controllers - Supports HDMI 2.0 with max. resolution up to 4K x 2K (4096x2160) @ 60Hz - Supports DisplayPort 1.4 with max. resolution up to 4K x 2K (4096x2304) @ 60Hz - Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI 2.0 Port (Compliant HDMI monitor is required) - Supports HDCP 2.3 with HDMI 2.0 and DisplayPort 1.4 Ports - Supports 4K Ultra HD (UHD) playback with HDMI 2.0 and DisplayPort 1.4 Ports
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Connector & Ports

HDMI	1 x HDMI Port
Display Port (s)	1 x DisplayPort 1.4
USB (s)	Connector: <ul style="list-style-type: none"> - 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) (Supports ESD Protection) - 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports) (Supports ESD Protection) - 1 x Front Panel Type C USB 3.2 Gen1 Header (Supports ESD Protection) Rear Panel I/O: <ul style="list-style-type: none"> - 4 x USB 3.2 Gen1 Ports (Supports ESD Protection) - 2 x USB 2.0 Ports (Supports ESD Protection)
LAN Port (s)	- 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)
Supported Storage	<ul style="list-style-type: none"> - 6 x SATA3 6.0 Gb/s Connectors, support Intel Rapid Storage Technology 18, NCQ, AHCI and Hot Plug - 1 x Hyper M.2 Socket (M2_1), supports M Key type 2242/2260/2280 M.2 PCI Express module up to Gen4x4 (64 Gb/s) (Socket M2_1 works with 11th Gen Intel Core processors only) - 1 x Ultra M.2 Socket (M2_2), supports M Key type 2280 M.2 SATA3 6.0 Gb/s module and M.2 PCI Express module up to Gen3 x4 (32 Gb/s)

Basic Information

Audio	Connector: - 1 x Front Panel Audio Connector Rear Panel I/O: - HD Audio Jacks: Line in / Front Speaker / Microphone
Internal I/O Ports	Connector: - 1 x Chassis Intrusion and Speaker Header - 2 x RGB LED Headers - 2 x Addressable LED Headers - 1 x CPU Fan Connector (4-pin) - 1 x CPU/Water Pump Fan Connector (4-pin) (Smart Fan Speed Control) - 3 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 (Hi-Density Power Connector) - 1 x Front Panel Audio Connector - 1 x Thunderbolt™ AIC Connector (5-pin) (Supports ASRock Thunderbolt™ 4 AIC Card) - 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) (Supports ESD Protection) - 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports) (Supports ESD Protection) - 1 x Front Panel Type C USB 3.2 Gen1 Header (Supports ESD Protection) Rear Panel I/O: - 3 x Antenna Mounting Points - 1 x PS/2 Mouse/Keyboard Port - 1 x HDMI Port - 1 x DisplayPort 1.4 - 4 x USB 3.2 Gen1 Ports (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
TPM (Trusted Platform Module)	- 1 x SPI TPM Header

Others

Bundled Software	- ASRock Motherboard Utility (A-Tuning) - ASRock Polychrome SYNC - ASRock XFast LAN
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Warranty Information

Manufacturing Warranty	03 years warranty
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