

ASRock B550M Pro4 DDR4 AMD Motherboard

Sale Price: 15000.0



PRODUCT ID: 00535

Basic Information

Supported CPU	- Supports 3rd Gen AMD AM4 Ryzen™ / future AMD Ryzen™ Processors* - Digi Power design - 8 Power Phase design
Chipset	AMD B550
BIOS	256Mb AMI UEFI Legal BIOS with GUI support Supports "Plug and Play" ACPI 5.1 compliance wake-up events Supports jumperfree SMBIOS 2.3 support CPU, CPU VDDCR_SOC, DRAM, VPPM, 1.05V_PROM_S5, 2.5V_PROM +1.8VSB, VDDP Voltage 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 - 2oz Copper PCB
Audio	- 7.1 CH HD Audio with Content Protection (Realtek ALC1200 Audio Codec) - Premium Blu-ray Audio support - Supports Surge Protection - PCB Isolate Shielding - Individual PCB Layers for R/L Audio Channel - Nahimic Audio

Expansion

Slots

PCI	1 PCIe 4.0 x16, 1 PCIe 3.0 x16, 1 PCIe 3.0 x1
M.2 Socket	- 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module

Memory

Basic Information

Type	DDR4
Slots	<ul style="list-style-type: none"> AMD Ryzen series CPUs (Vermeer and Matisse) <ul style="list-style-type: none"> - 2 x PCI Express x16 Slots (PCIe1: Gen4x16 mode; PCIe3: Gen3 x4 mode)* AMD Ryzen series APUs (Cezanne and Renoir) <ul style="list-style-type: none"> - 2 x PCI Express x16 Slots (PCIe1: Gen3x16 mode; PCIe3: Gen3 x4 mode)* AMD Ryzen series APUs (Picasso) <ul style="list-style-type: none"> - 2 x PCI Express x16 Slots (PCIe1: Gen3x8 mode; PCIe3: Gen3 x4 mode)* - 1 x PCI Express 3.0 x1 Slot - Supports AMD Quad CrossFireX and CrossFireX
Supported Memory	<ul style="list-style-type: none"> - Dual Channel DDR4 Memory Technology - 4 x DDR4 DIMM Slots - AMD Ryzen series CPUs (Vermeer) support DDR4 4533+(OC) / 4466(OC) / 4400(OC) / 4333(OC) / 4266(OC) / 4200(OC) / 4133(OC) / 4000(OC) / 3866(OC) / 3800(OC) / 3733(OC) / 3600(OC) / 3466(OC) / 3200 / 2933 / 2667 / 2400 / 2133 ECC & non-ECC, un-buffered memory* - AMD Ryzen series CPUs (Matisse) support DDR4 4533+(OC) / 4466(OC) / 4400(OC) / 4333(OC) / 4266(OC) / 4200(OC) / 4133(OC) / 4000(OC) / 3866(OC) / 3800(OC) / 3733(OC) / 3600(OC) / 3466(OC) / 3200 / 2933 / 2667 / 2400 / 2133 ECC & non-ECC, un-buffered memory* - AMD Ryzen series APUs (Cezanne) support DDR4 4733+(OC) / 4666(OC) / 4600(OC) / 4533(OC) / 4466(OC) / 4400(OC) / 4333(OC) / 4266(OC) / 4200(OC) / 4133(OC) / 4000(OC) / 3866(OC) / 3800(OC) / 3733(OC) / 3600(OC) / 3466(OC) / 3200 / 2933 / 2667 / 2400 / 2133 ECC & non-ECC, un-buffered memory* - AMD Ryzen series APUs (Renoir) support DDR4 4733+(OC) / 4666(OC) / 4600(OC) / 4533(OC) / 4466(OC) / 4400(OC) / 4333(OC) / 4266(OC) / 4200(OC) / 4133(OC) / 4000(OC) / 3866(OC) / 3800(OC) / 3733(OC) / 3600(OC) / 3466(OC) / 3200 / 2933 / 2667 / 2400 / 2133 ECC & non-ECC, un-buffered memory* - AMD Ryzen series APUs (Picasso) support DDR4 3333+(OC) / 3200(OC) / 2933 / 2667 / 2400 / 2133 non-ECC, un-buffered memory* - Supports Extreme Memory Profile (XMP) memory modules - 15μ Gold Contact in DIMM Slots
Maximum Memory	128GB

Graphics

Basic Information

- Graphics
- Integrated AMD Radeon Vega Series Graphics in Ryzen Series APU
 - DirectX 12, Pixel Shader 5.0
 - Shared memory default 2GB. Max Shared memory supports up to 16GB.
 - Three graphics output options: D-Sub, HDMI and DisplayPort 1.4
 - Supports Triple Monitor
 - Supports HDMI 2.1 with max. resolution up to 4K x 2K (4096x2160) @ 60Hz
 - Supports DisplayPort 1.4 with max. resolution up to 5K (5120x2880)@120Hz
 - Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz
 - Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI 2.1 Port (Compliant HDMI monitor is required)
 - Supports HDR (High Dynamic Range) with HDMI 2.1
 - Supports HDCP 2.3 with HDMI 2.1 and DisplayPort 1.4 Ports
 - Supports 4K Ultra HD (UHD) playback with HDMI 2.1 and DisplayPort 1.4 Ports
 - Supports Microsoft PlayReady

Connector & Ports

HDMI	1 x HDMI Port
Display Port (s)	1 x DisplayPort 1.4
D-Sub (s)	1 x D-Sub Port
USB (s)	<ul style="list-style-type: none"> - 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s) (Supports ESD Protection) - 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s) (Supports ESD Protection) - 4 x USB 3.2 Gen1 Ports (ASMedia ASM1074 hub) (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)
LAN Port (s)	- 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)
Supported Storage	6 x SATA3 6.0 Gb/s Connectors, support RAID (RAID 0, RAID 1 and RAID 10), NCQ, AHCI and Hot Plug

Basic Information

Internal I/O Ports	<ul style="list-style-type: none"> - Antenna Bracket - 1 x PS/2 Mouse/Keyboard Port - 1 x D-Sub Port - 1 x HDMI Port - 1 x DisplayPort 1.4 - 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s) (Supports ESD Protection) - 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s) (Supports ESD Protection) - 4 x USB 3.2 Gen1 Ports (ASMedia ASM1074 hub) (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 - 1 x COM Port Header - 1 x Power LED 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)**** - 4 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 4 USB 2.0 ports) (Supports ESD Protection) - 2 x USB 3.2 Gen1 Headers (Support 4 USB 3.2 Gen1 ports) (Supports ESD Protection)
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TPM (Trusted Platform Module)	<ul style="list-style-type: none"> - 1 x SPI TPM Header
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Others

Special Features	<ul style="list-style-type: none"> ASRock USB 3.2 Gen2 - ASRock USB 3.2 Gen2 Type-A Port (10 Gb/s) - ASRock USB 3.2 Gen2 Type-C Port (10 Gb/s) ASRock Super Alloy - XXL Aluminum Alloy Heatsink - Premium 50A Power Choke - Sapphire Black PCB - High Density Glass Fabric PCB - 2oz Copper PCB ASRock Steel Slot Gen4 ASRock Full Coverage M.2 Heatsink ASRock Hyper M.2 (PCIe Gen4x4) ASRock POST Status Checker (PSC) ASRock Full Spike Protection (for all USB, Audio, LAN Ports) ASRock Live Update & APP Shop
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Basic Information

Warranty Information

Manufacturing Warranty	03 Years Warranty
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