

## ASRock B550 Pro4 DDR4 AMD Motherboard

Sale Price: 15000.0



PRODUCT ID: 00534

### Basic Information

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| Supported CPU | <ul style="list-style-type: none"> <li>- Supports 3rd Gen AMD AM4 Ryzen/ future AMD Ryzen Processors</li> <li>- Digi Power design</li> <li>- 8 Power Phase design</li> </ul>                                                                                                                                                                              |
| Chipset       | AMD B550                                                                                                                                                                                                                                                                                                                                                  |
| BIOS          | <ul style="list-style-type: none"> <li>- 256Mb AMI UEFI Legal BIOS with GUI support</li> <li>- Supports "Plug and Play"</li> <li>- ACPI 5.1 compliance wake up events</li> <li>- Supports jumperfree</li> <li>- SMBIOS 2.3 support</li> <li>- CPU, CPU VDDCR_SOC, DRAM, VPPM, 1.05V_PROM_S5, 2.5V_PROM, +1.8VSB, VDDP Voltage Multi-adjustment</li> </ul> |
| Form Factor   | <ul style="list-style-type: none"> <li>- ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm</li> <li>- Solid Capacitor design</li> <li>- 2oz Copper PCB</li> </ul>                                                                                                                                                                                      |
| Audio         | <ul style="list-style-type: none"> <li>- 7.1 CH HD Audio with Content Protection (Realtek ALC1200 Audio Codec)</li> <li>- Premium Blu-ray Audio support</li> <li>- Supports Surge Protection</li> <li>- PCB Isolate Shielding</li> <li>- Individual PCB Layers for R/L Audio Channel</li> <li>- Nahimic Audio</li> </ul>                                  |

### Expansion Slots

|            |                                                            |
|------------|------------------------------------------------------------|
| PCI        | 2 x PCI Express 3.0 x1 Slots                               |
| M.2 Socket | -1 x M.2 Socket (Key E), supports type 2230 WiFi/BT module |

### Memory

|      |      |
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| Type | DDR4 |
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## Basic Information

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| Slots            | AMD Ryzen series CPUs (Matisse)<br>- 2 x PCI Express x16 Slots (PCIe1: Gen4x16 mode; PCIe3: Gen3 x4 mode)<br>AMD Ryzen series APUs<br>- 2 x PCI Express x16 Slots (PCIe1: Gen3x16 mode; PCIe3: Gen3 x4 mode)<br>- Supports AMD Quad CrossFireX and CrossFireX                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Supported Memory | - Dual Channel DDR4 Memory Technology<br>- 4 x DDR4 DIMM Slots<br>- 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<br>- AMD Ryzen series APUs 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<br>- Supports Extreme Memory Profile (XMP) memory modules<br>- 15μ Gold Contact in DIMM Slots |
| Maximum Memory   | 128GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Graphics

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| Graphics | - Integrated AMD Radeon Vega Series Graphics in Ryzen Series APU*<br>- DirectX 12, Pixel Shader 5.0<br>- Shared memory default 2GB. Max Shared memory supports up to 16GB.**<br>- Dual graphics output: support HDMI and D-Sub ports by independent display controllers<br>- Supports HDMI 2.1 with max. resolution up to 4K x 2K (4096x2160) @ 60Hz<br>- Supports D-Sub with max. resolution up to 1920x1200 @ 60Hz<br>- Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI 2.1 Port (Compliant HDMI monitor is required)<br>- Supports HDR (High Dynamic Range) with HDMI 2.1<br>- Supports HDCP 2.3 with HDMI 2.1 Port<br>- Supports 4K Ultra HD (UHD) playback with HDMI 2.1 Port<br>- Supports Microsoft PlayReady |
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## Connector & Ports

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|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDMI         | 1 x HDMI Port                                                                                                                                                                                  |
| D-Sub (s)    | - 1 x D-Sub Port                                                                                                                                                                               |
| USB (s)      | - 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s) (Supports ESD Protection)<br>- 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s) (Supports ESD Protection)<br>- 4 x USB 3.2 Gen1 Ports (Supports ESD Protection) |
| LAN Port (s) | - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)                                                                                                                                     |

## Basic Information

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| Supported Storage             | - 6 x SATA3 6.0 Gb/s Connectors, support RAID (RAID 0, RAID 1 and RAID 10), NCQ, AHCI and Hot Plug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Internal I/O Ports            | - Antenna Bracket<br>- 1 x PS/2 Mouse/Keyboard Port<br>- 1 x D-Sub Port<br>- 1 x HDMI Port<br>- 1 x USB 3.2 Gen2 Type-A Port (10 Gb/s) (Supports ESD Protection)<br>- 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s) (Supports ESD Protection)<br>- 4 x USB 3.2 Gen1 Ports (Supports ESD Protection)<br>- 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)<br>- HD Audio Jacks: Line in / Front Speaker / Microphone<br>- 1 x COM Port Header<br>- 1 x Power LED and Speaker Header<br>- 2 x RGB LED Headers*<br>- 2 x Addressable LED Headers**<br>- 1 x CPU Fan Connector (4-pin)***<br>- 1 x CPU/Water Pump Fan Connector (4-pin) (Smart Fan Speed Control)****<br>- 4 x Chassis/Water Pump Fan Connectors (4-pin) (Smart Fan Speed Control)*****<br>- 1 x 24 pin ATX Power Connector<br>- 1 x 8 pin 12V Power Connector<br>- 1 x 4 pin 12V Power Connector<br>- 1 x Front Panel Audio Connector<br>- 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) (Supports ESD Protection)<br>- 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports) (Supports ESD Protection) |
| TPM (Trusted Platform Module) | - 1 x SPI TPM Header                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Others

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| Special Features | ASRock USB 3.2 Gen2<br>- ASRock USB 3.2 Gen2 Type-A Port (10 Gb/s)<br>- ASRock USB 3.2 Gen2 Type-C Port (10 Gb/s)<br>ASRock Super Alloy<br>- XXL Aluminum Alloy Heatsink<br>- Premium 50A Power Choke<br>- Sapphire Black PCB<br>- High Density Glass Fabric PCB<br>- 2oz Copper PCB<br>ASRock Steel Slot Gen4<br>ASRock Full Coverage M.2 Heatsink<br>ASRock Hyper M.2 (PCIe Gen4x4)<br>ASRock POST Status Checker (PSC)<br>ASRock Full Spike Protection (for all USB, Audio, LAN Ports)<br>ASRock Live Update & APP Shop |
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## Basic

## Information

## Warranty

## Information

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| Manufacturing<br>Warranty | 03 Years Warranty |
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