

ASRock B450M Steel Legend AMD Micro-ATX Motherboard

Sale Price: 13800.0



PRODUCT ID: 00532

Basic Information

Supported CPU	Supports AMD AM4 Socket Ryzen 2000, 3000 and 5000 Series Desktop Processors
Chipset	AMD Promontory B450
BIOS	- 128Mb AMI UEFI Legal BIOS with multilingual GUI support - Supports "Plug and Play" - ACPI 5.1 compliance wake up events - Supports jumperfree - SMBIOS 2.3 support - DRAM Voltage multi-adjustment
Form Factor	Micro ATX Form Factor: 9.6-in x 9.6-in, 24.4 cm x 24.4 cm

Expansion Slots

PCI	AMD Ryzen series CPUs (Summit Ridge and Pinnacle Ridge) - 1 x PCI Express 3.0 x16 Slot (PCIe2: x16 mode)* - 1 x PCI Express 2.0 x16 Slot (PCIe3: x4 mode) AMD Ryzen series CPUs (Raven Ridge) - 1 x PCI Express 3.0 x16 Slot (PCIe2: x8 mode) (If you use Athlon 2xxGE series APU, PCIe2 slot will run at x4 mode.) - 1 x PCI Express 2.0 x16 Slot (PCIe3: x4 mode) AMD Athlon series CPUs - 1 x PCI Express 3.0 x16 Slot (PCIe2: x4 mode)* - 1 x PCI Express 2.0 x16 Slot (PCIe3: x4 mode) - 1 x PCI Express 2.0 x1 Slot - Supports AMD Quad CrossFireX™ and CrossFireX™
M.2 Socket	1 x Ultra M.2 Socket (M2_1)

Memory

Basic Information

Type	Dual Channel DDR4 Memory Technology
Slots	4 x DDR4 DIMM Slots
Supported Memory	AMD Ryzen series CPUs (Pinnacle Ridge) support DDR4 3533+(OC) / 3200(OC) / 2933(OC) / 2667/2400/2133 ECC & non-ECC, un-buffered memory. AMD Ryzen series CPUs (Summit Ridge) support DDR4 3466+(OC) / 3200(OC) / 2933(OC) / 2667/2400/2133 ECC & non-ECC, un-buffered memory. AMD Ryzen series CPUs (Raven Ridge) support DDR4 3466+(OC) / 3200(OC) / 2933/2667/2400/2133 non-ECC, un-buffered memory
Maximum Memory	64GB

Graphics

Graphics	-Supports HDMI 1.4 with max. resolution up to 4K x 2K (4096x2160) @ 24Hz / (3840x2160) @ 30Hz - Supports DisplayPort 1.2 with max. resolution up to 4K x 2K (4096x2160) @ 60Hz - Supports Auto Lip Sync, Deep Color (12bpc), xvYCC and HBR (High Bit Rate Audio) with HDMI 1.4 Port (Compliant HDMI monitor is required) - Supports HDCP 1.4 with HDMI 1.4 and DisplayPort 1.2 Ports - Supports 4K Ultra HD (UHD) playback with HDMI 1.4 and DisplayPort 1.2 Ports
Max Shared Memory	Shared memory default 2GB. Max Shared memory supports up to 16GB

Connector & Ports

HDMI	1 x HDMI Port
Display Port (s)	1 x DisplayPort 1.2
USB (s)	- 2 x USB 2.0 Ports (Supports ESD Protection) - 1 x USB 3.1 Gen2 Type-A Port (10 Gb/s) (Supports ESD Protection) - 1 x USB 3.1 Gen2 Type-C Port (10 Gb/s) (Supports ESD Protection) - 4 x USB 3.1 Gen1 Ports (Supports ESD Protection)
LAN Port (s)	1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED)
Supported Storage	1 x Ultra M.2 Socket (M2_1), supports M Key type 2242/2260/2280 M.2 PCI Express module up to Gen3 x4 (32 Gb/s) (with Vermeer, Matisse, Cezanne, Renoir, Picasso, Summit Ridge, Raven Ridge and Pinnacle Ridge) or Gen3 x2 (16 Gb/s) (with Athlon series APU and Raven Ridge 2)** 1 x M.2 Socket (M2_2), supports M Key type 2230/2242/2260/2280 M.2 SATA3 6.0 Gb/s module
Audio	HD Audio Jacks: Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone (Gold Audio Jacks)

Basic Information

Internal I/O Ports	- 1 x COM Port Header - 1 x Power LED and Speaker Header - 1 x RGB LED Header* - 1 x Addressable LED Header** - 1 x AMD Fan LED Header*** - 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 - 1 x Front Panel Audio Connector - 2 x USB 2.0 Headers (Support 4 USB 2.0 ports) (Supports ESD Protection) - 1 x USB 3.1 Gen1 Header (Supports 2 USB 3.1 Gen1 ports) (Supports ESD Protection)
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TPM (Trusted Platform Module)	- 1 x TPM Header
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Warranty Information

Manufacturing Warranty	03 years
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