



MB ASROCK B560 PRO4 B560 LGA1200 4XDDR4DC-4800O.C. 2XPCIE4.0

Description

Unique Feature

ASRock Super Alloy

- Premium 50A Power Choke
- Sapphire Black PCB
- High Density Glass Fabric PCB
- ASRock Intel® 4-Layer Memory POOL (Planes on Outer Layers) Technology
- ASRock Steel Slot
- 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

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

Memory

- Dual Channel DDR4 Memory Technology
- 4 x DDR4 DIMM Slots
- 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)
- Max. capacity of system memory: 128GB**
- Supports Intel® Extreme Memory Profile (XMP) 2.0

*11th Gen Intel® Core™ (i9/i7/i5) support DDR4 2933 natively; Core™ (i3), Pentium® and Celeron® support DDR4 2666 natively.

10th Gen Intel® Core™ (i9/i7) support DDR4 2933 natively; Core™ (i5/i3), Pentium® and Celeron® support DDR4 2666 natively.

**Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® 32-bit OS. For Windows® 64-bit OS with 64-bit CPU, there is no such limitation.

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, VCCIO, VCCST, VCCSA Voltage Multi-adjustment
- Graphics
- 11th Gen Intel® Core™ Processors support Intel® Xe Graphics Architecture (Gen 12). 10th Gen Intel® Core™ Processors support Gen 9 Graphics
- 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 (4096×2160) @ 60Hz
- Supports DisplayPort 1.4 with max. resolution up to 4K x 2K (4096×2304) @ 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

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

11th Gen Intel® Core™ Processors support HDMI 2.0. 10th Gen Intel® Core™ Processors support HDMI 1.4.

Audio

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

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 PXE

Slots

11th Gen Intel® Core™ Processors

- 2 x PCI Express x16 Slots (PCIe1/PCIe3: single at Gen4x16 (PCIe1); dual at Gen4x16 (PCIe1) / Gen3x2 (PCIe3))*

10th Gen Intel® Core™ Processors

- 2 x PCI Express x16 Slots (PCIe1/PCIe3: single at Gen3x16 (PCIe1); dual at Gen3x16 (PCIe1) / Gen3x2 (PCIe3))*

- 2 x PCI Express 3.0 x1 Slots

- 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel® CNVi (Integrated WiFi/BT)

*Supports NVMe SSD as boot disks

Storage

- 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 2242/2260/2280 M.2 PCI Express module up to Gen3 x4 (32 Gb/s)**
- 1 x M.2 Socket (M2_3), supports M Key type 2280/22110 M.2 SATA3 6.0 Gb/s module and M.2 PCI Express module up to Gen3 x2 (16 Gb/s)**

*If M2_3 is occupied by a SATA-type M.2 device, SATA3_1 will be disabled.

**Supports Intel® Optane™ Technology (M2_2)

Supports NVMe SSD as boot disks

Supports ASRock U.2 Kit

Connector

- 1 x COM Port Header
- 1 x SPI TPM Header
- 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)****
- 5 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 USB 2.0 Header (Supports 2 USB 2.0 ports) (Supports ESD Protection)
- 2 x USB 3.2 Gen1 Headers (Support 4 USB 3.2 Gen1 ports) (ASMedia ASM1074 hub) (Supports ESD Protection)
- 1 x Front Panel Type C USB 3.2 Gen1 Header (Supports ESD Protection)

*Support in total up to 12V/3A, 36W LED Strip

**Support in total up to 5V/3A, 15W LED Strip

***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, CHA_FAN1/WP, CHA_FAN2/WP, CHA_FAN3/WP, CHA_FAN4/WP and CHA_FAN5/WP can auto detect if 3-pin or 4-pin fan is in use.

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

Software and UEFI

Software

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

UEFI

- ASRock EZ Mode
- ASRock Full HD UEFI
- ASRock My Favorites in UEFI
- ASRock Instant Flash
- ASRock Internet Flash

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

Support CD

- Drivers, Utilities, AntiVirus Software (Trial Version), Google Chrome Browser and Toolbar

Accessories

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

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: +12V, +5V, +3.3V, CPU Vcore, DRAM, VPPM, VCCIN AUX, VCCSA, VCCPLL, VCCIO

Form Factor

- ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm
- Solid Capacitor design

OS

– Microsoft® Windows® 10 64-bit

Certifications

– FCC, CE

– ErP/EuP ready (ErP/EuP ready power supply is required)

Meta Fields

SKU : 33.1145

REGULAR PRICE : 133.27