

ASRock B660 Steel Legend ATX Motherboard

Sale Price: 21000.0



PRODUCT ID: 00540

Basic Information

Supported CPU	- Supports 14th, 13th & 12th Gen Intel Core Processors (LGA1700) - Digi Power design - 9 Power Phase design - Supports Intel Hybrid Technology - Supports Intel Turbo Boost Max 3.0 Technology
Chipset	Intel B660
BIOS	- 128Mb AMI UEFI Legal BIOS with multilingual GUI support - ACPI 6.0 Compliant wake up events - SMBIOS 2.7 Support - CPU Core/Cache, CPU GT, DRAM, VDD_IMC, VCCIN AUX, +1.05V PROC, +1.8V PROC, +0.82V PCH, +1.05V PCH Voltage Multi-adjustment
Form Factor	- ATX Form Factor: 12.0-in x 9.6-in, 30.5 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	- 2 x PCIe x16 Slots (PCIe1/PCIe3: single at Gen4x16 (PCIe1); dual at Gen4x16 (PCIe1) / Gen3x4 (PCIe3)) - 2 x PCIe Gen3x1 Slots - Supports AMD CrossFire - 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel CNVi (Integrated WiFi/BT)
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Memory

Type	Dual Channel DDR4 Memory Technology
Slots	4 x DDR4 DIMM Slots
Supported Memory	- Supports DDR4 non-ECC, un-buffered memory up to 4800+(OC) - Supports ECC UDIMM memory modules (operate in non-ECC mode) - Supports Intel Extreme Memory Profile (XMP) 2.0

Basic Information

Maximum Memory 128GB

Graphics

Graphics

- Intel Xe Graphics Architecture (Gen 12)
- Dual graphics output: support HDMI and DisplayPort 1.4 ports by independent display controllers
- Supports HDMI 2.1 TMDS Compatible with max. resolution up to 4K x 2K (4096x2160) @ 60Hz
- Supports DisplayPort 1.4 with DSC (compressed) max. resolution up to 8K (7680x4320) @ 60Hz / 5K (5120x3200) @ 120Hz
- Supports HDCP 2.3 with HDMI 2.1 TMDS Compatible and DisplayPort 1.4 Ports

Connector & Ports

HDMI 1 x HDMI Port

Display Port (s) 1 x DisplayPort 1.4

USB (s) - 4 x USB 3.2 Gen1 Ports (ASMedia ASM1074 hub) (Supports ESD Protection)
 - 2 x USB 2.0 Ports (Supports ESD Protection)

LAN Port (s) - 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 UEFI PXE

Supported Storage - 4 x SATA3 6.0 Gb/s Connectors If M2_2 is occupied by a SATA-type M.2 device, SATA3_0 will be disabled.
 - 1 x Hyper M.2 Socket (M2_1, Key M), supports type 2260/2280 PCIe Gen4x4 (64 Gb/s) mode
 - 1 x M.2 Socket (M2_2, Key M), supports type 2260/2280 SATA3 6.0 Gb/s & PCIe Gen3x2 (16 Gb/s) modes
 - 1 x Hyper M.2 Socket (M2_3, Key M), supports type 2260/2280/22110 PCIe Gen4x4 (64 Gb/s) mode
 - Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices

Audio - HD Audio Jacks: Line in / Front Speaker / Microphone

Basic Information

Internal I/O Ports	- 1 x COM Port Header - 1 x SPI TPM Header - 1 x Chassis Intrusion and Speaker Header - 1 x RGB LED Header - 3 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 Thunderbolt™ AIC Connector (5-pin) (Supports ASRock Thunderbolt™ 4 AIC Card) - 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) (Supports ESD Protection) - 1 x Front Panel Type C USB 3.2 Gen1 Header (Supports ESD Protection)
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TPM (Trusted Platform Module)	1 x SPI TPM Header
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Others

Special Features	ASRock Super Alloy - Premium 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
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Warranty Information

Manufacturing Warranty	3 years
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