ASRock X670E Steel Legend - Motherboard

ATX - Socket AM5 - AMD X670 Chipset - USB 3.2 Gen 1 - USB 3.2 Gen 2 - USB-C 3.2 Gen2 - USB-C 3.2 Gen 2x2 - Bluetooth - Gigabit LAN - 2.5 Gigabit LAN - Wi-Fi 6 - onboard graphics (CPU required) - High Definition Audio (7.1-channel)

Group	Motherboards
Manufacturer	ASRock
Manufacturer item no.	90-MXBJ40-A0UAYZ
EAN/UPC	4710483940323

Description

ASRock X670E Steel Legend - Motherboard - ATX - Socket AM5 - AMD X670 Chipset - USB 3.2 Gen 1, USB 3.2 Gen 2, USB-C 3.2 Gen2, USB-C 3.2 Gen 2x2 - Bluetooth, Gigabit LAN, 2.5 Gigabit LAN, Wi-Fi 6 - onboard graphics (CPU required) - High Definition Audio (7.1-channel)

Main features

Product Description	ASRock X670E Steel Legend - motherboard - ATX - Socket AM5 - AMD X670
Product Type	Motherboard - ATX
Chipset Type	AMD X670
Processor Socket	1 x Socket AM5
Compatible Processors	Ryzen (supports Ryzen 7000 Series)
Max RAM Size	128 GB
RAM Supported	4 DIMM slots - DDR5, non-ECC, unbuffered
Storage Ports	4 x SATA-600 (RAID), 3 x Hyper M.2, 1 x Blazing M.2
USB / FireWire Ports	1 x USB-C 3.2 Gen 2x2 + 4 x USB 3.2 Gen 1 + 4 x USB 2.0 + (1 x USB-C 3.2 Gen 2x2 + 1 x USB-C 3.2 Gen 2 + 6 x USB 3.2 Gen 2 + 4 x USB 2.0 via headers)
Audio	High Definition Audio (7.1-channel)
LAN	Bluetooth, Gigabit Ethernet, 2.5 Gigabit Ethernet, 802.11a/b/g/n/ac/ax

Extended details

	General
Product Type	Motherboard - ATX
Chipset Type	AMD X670
Processor Socket	Socket AM5
Max Processors Qty	1
Compatible Processors	Ryzen (supports Ryzen 7000 Series)
	Supported RAM

Max Size	128 GB
Technology	DDR5
Bus Clock	6600 MHz (O.C.)
Supported RAM Integrity Check	Non-ECC
Registered or Buffered	Unbuffered
Features	Dual channel memory architecture, Intel Extreme Memory Profiles (XMP), AMD EXPO technology
	Audio
Type	High Definition Audio (7.1-channel)
Audio Codec	Realtek ALC1220
Compliant Standards	High Definition Audio
	LAN
Network Controller	Dragon RTL8125BG / Realtek RTL8111
Network Interfaces	Bluetooth, Gigabit Ethernet, 2.5 Gigabit Ethernet, 802.11a/b/g/n/ac/ax
	Expansion / Connectivity
Expansion Slots	1 x CPU ¦ 4 x DIMM 288-pin ¦ 1 x PCIe 5.0 x16 ¦ 1 x PCIe 3.0 x16 (x4 mode) ¦ 1 x PCIe 3.0 x1 ¦ 1 x M.2 socket (2230 M.2 Key E slot) ¦ 1 x M.2 socket (2260/2280 M.2 Key M slot) ¦ 1 x M.2 socket (2242/2260/2280 M.2 Key M slot) ¦ 1 x M.2 socket (2230/2242/2260/2280 M.2 Key M slot) ¦ 1 x M.2 socket (2260/2280 M.2 Key M slot)
Storage Interfaces	SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 ¦ PCIe 4.0 -connectors: 3 x M.2 - RAID 0 / RAID 1 / RAID 10 ¦ PCIe 5.0 -connectors: 1 x M.2 - RAID 0 / RAID 1 / RAID 10
Interfaces	2 x aerial ¦ 1 x microphone - mini-jack ¦ 1 x audio line-out - mini-jack ¦ 1 x HDMI ¦ 1 x DisplayPort ¦ 1 x LAN (Gigabit Ethernet) ¦ 1 x LAN (2.5Gigabit Ethernet) ¦ 1 x USB-C 3.2 Gen2x2 ¦ 1 x USB 3.2 Gen 2 ¦ 6 x USB 3.2 Gen 1 ¦ 4 x USB 2.0 ¦ 1 x SPDIF out
Internal Interfaces	1 x USB-C 3.2 Gen 2x2 - header ¦ 4 x USB 3.2 Gen 1 - header ¦ 4 x USB 2.0 - header ¦ 1 x audio - header ¦ 1 x SPI - header ¦ 1 x speaker - header ¦ 1 x Thunderbolt - header
Power Connectors	24-pin main power connector, 2 x 8-pin ATX12V connectors
	Features
BIOS Type	AMI
BIOS Features	UEFI BIOS
Hardware Features	15µ Gold Contact, 8 Layer PCB, ASRock Full HD UEFI, Nichicon 12K Black Caps, ASRock Steel Slots, Hi-Density Power Connectors, M.2 heatsink, Water Pump Header, pre-mounted I/O shield, ASRock POST Status Checker (PSC), DIY Friendly Design, 16+2+1 Phase Power Design, Server-Grade Low-Loss PCB, Surface Mount Technology (SMT), ASRock Auto Driver Installer, Smart Power Stage (SPS) technology, Reinforced DIMM slot
	Miscellaneous
Included Accessories	4 x M.2 screws, standoff for M.2 socket, graphics card holder, ASRock WiFi 2.4/5/6 GHz aerial
Cables Included	2 x Serial ATA cable
Software Included	ASRock A-Tuning, ASRock Dragon 2.5G LAN Software
Compliant Standards	EuP Ready, ErP Ready, RoHS 2011/65/EU, DisplayPort 1.4, HDCP 2.3, RED 2014/53/EU, UKCA, FCC Part 15 Subpart B
Width	30.5 cm

Depth	24.4 cm

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