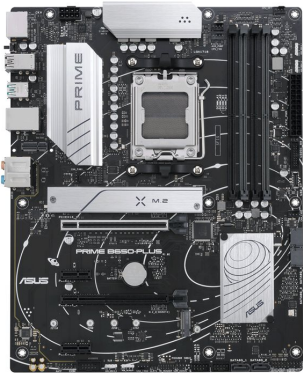


ASUS Prime B650-Plus - motherboard - ATX - Socket AM5 - AMD B650



21-05-2024

SKU	90MB1B50-M0EAY0
Product Description:	ASUS Prime B650-Plus - motherboard - ATX - Socket AM5 - AMD B650
Product Type:	Motherboard - ATX
Chipset Type:	AMD B650
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, ECC, on-die ECC, unbuffered

General

Product Type:	Motherboard - ATX
Chipset Type:	AMD B650
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:	5400 MHz (O.C.), 5600 MHz (O.C.), 5800 MHz (O.C.), 6000 MHz (O.C.), 4800 MHz, 6200 MHz (O.C.), 6400 MHz (O.C.), 5200 MHz, 5000 MHz
Supported RAM Integrity Check:	Non-ECC, ECC, on-die ECC
Registered or Buffered:	Unbuffered
Features:	Dual channel memory architecture, AMD EXPO technology

Audio

Miscellaneous

Included Accessories:	IO shield, 1 x M.2 rubber package, M.2 screw package
Cables Included:	2 x Serial ATA cable
Software Included:	ASUS CPU-Z, ASUS AI Suite III, PC Cleaner, WinRAR, Norton AntiVirus (Trial), ASUS AURA Creator, Armoury Crate, ASUS Fan Xpert 2+
Compliant Standards:	VCCI Class B ITE, FCC Part 15 Class B, DisplayPort 1.4, EU RoHS, EU REACH
Width:	30.5 cm
Depth:	24.4 cm

Features

BIOS Type:	AMI
BIOS Features:	UEFI BIOS, ASUS EZ Flash 3
Sleep / Wake Up:	Wake on LAN (WOL), wake on PME

Audio

Type:	HD Audio (8-channel)
Compliant Standards:	High Definition Audio

LAN

Network Interfaces:	2.5 Gigabit Ethernet
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Features

Hardware Features:	Jack retasking, ASUS Q-Design, ASUS TurboV EVO, Q-DIMM, ASUS EZ DIY, Q-Slot, CrashFree BIOS 3, audio jack detect technology, ASUS DIGI+ VRM, ASUS Stainless Steel Back I/O, 6 Layer PCB, overvoltage protection, ASUS 5X Protection III, M.2 heatsink, ASUS ProCool, ASUS Aura Sync, ASUS OptiMem II, ASUS SafeSlot Core+, DIY Friendly Design, Q-LED Core, VRM heatsink design, BIOS FlashBack button, BIOS FlashBack LED
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Expansion / Connectivity

Expansion Slots:	1 x CPU 4 x DIMM 288-pin 1 x PCIe 4.0 x16 1 x PCIe 4.0 x16 (x4 mode) 2 x PCIe 4.0 x1 2 x M.2 socket (2242/2260/2280/22110 M.2 Key M slot) 1 x M.2 socket (Key E)
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Storage Interfaces:	SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 PCIe 5.0 - connectors: 1 x M.2 - RAID 0 / RAID 1 / RAID 10 PCIe 4.0 -connectors: 1 x M.2 - RAID 0 / RAID 1 / RAID 10
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Interfaces:	1 x HDMI 1 x DisplayPort 1 x audio line-out - mini-jack 1 x microphone - mini-jack 1 x audio line-out (center/subwoofer) - mini-jack 1 x audio line-out (rear) - mini-jack 1 x audio line-in - mini-jack 1 x LAN (2.5Gigabit Ethernet) 1 x SPDIF out 2 x USB 2.0 1 x USB-C 3.2 Gen 2 3 x USB 3.2 Gen 2 2 x USB 3.2 Gen 1
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Internal Interfaces:	4 x USB 2.0 - header 2 x USB 3.2 Gen 1 - header 1 x USB-C 3.2 Gen 1 - header 1 x serial - header 1 x audio - header 1 x Thunderbolt - header 1 x SPI - header
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Power Connectors:	24-pin main power connector, 8-pin ATX12V connector
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