



Codice	CK292046
EAN	4711081923381
Marca	ASUS
Part number	90MB1BS0-M0EAY0
Storage unit	
Unità di vendita	Cadauno
Confezione	1
Imballaggio	1
Peso (kg)	1.575
Volume (cm³)	6426

ASUS - PRIME B650-PLUS

CPU AMD Socket AM5 for AMD Ryzen 7000 Series Desktop Processors*

* Refer to www.asus.com for CPU support list.

Chipset AMD B650 Chipset

Memory 4 x DIMM, Max. 128GB, DDR5

6400+(OC)/6200(OC)/6000(OC)/5800(OC)/5600(OC)/5400(OC)/5200/5000/4800 ECC and Non-ECC, Un-buffered Memory*

Dual Channel Memory Architecture

Supports AMD EXTended Profiles for Overclocking (EXPO)

OptiMem II

* Supported memory types, data rate(Speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information refer to www.asus.com for memory support list.

* Non-ECC, Un-buffered DDR5 Memory supports On-Die ECC function.

Graphics 1 x DisplayPort**

1 x HDMI® port***

* Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications.

** Supports max. 8K@60Hz as specified in DisplayPort 1.4.

*** Supports 4K@60Hz as specified in HDMI 2.1.

Expansion Slots AMD Ryzen 7000 Series Desktop Processors

1 x PCIe 4.0 x16 slot (supports x16 mode)

AMD B650 Chipset

1 x PCIe 4.0 x16 slot (supports x4 mode)

2 x PCIe 4.0 x1 slots

* Please check the PCIe bifurcation table on the support site

(<https://www.asus.com/support/FAQ/1037507/>).

Storage Total supports 2 x M.2 slots and 4 x SATA 6Gb/s ports*

AMD Ryzen 7000 Series Desktop Processors

M.2_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 5.0 x4 mode)

M.2_2 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)

AMD B650 Chipset

4 x SATA 6Gb/s ports

* AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/10 and SATA RAID 0/1/10.

Ethernet 1 x Realtek 2.5Gb Ethernet

Wireless & Bluetooth® "Vertical M.2 slot only (Key E, PCIe)*"

* Wi-Fi module is sold separately."

USB Rear USB (Total 8 ports)

4 x USB 3.2 Gen 2 ports (3 x Type-A + 1 x USB Type-C®)

2 x USB 3.2 Gen 1 ports (2 x Type-A)

2 x USB 2.0 ports (2 x Type-A)

Front USB (Total 7 ports)

1 x USB 3.2 Gen 1 connector (supports USB Type-C®)

1 x USB 3.2 Gen 1 header supports 2 additional USB 3.2 Gen 1 ports

2 x USB 2.0 headers support 4 additional USB 2.0 ports

Audio "Realtek 7.1 Surround Sound High Definition Audio CODEC

- Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking

- Supports up to 24-Bit/192 kHz playback"

Audio Features

- Audio Shielding

- Premium audio capacitors

- Dedicated audio PCB layers

Back Panel I/O Ports 4 x USB 3.2 Gen 2 ports (3 x Type-A + 1 x USB Type-C®)

2 x USB 3.2 Gen 1 ports (2 x Type-A)

2 x USB 2.0 ports (2 x Type-A)

1 x DisplayPort

1 x HDMI® port

1 x Vertical M.2 slot (Key E)

1 x Realtek 2.5Gb Ethernet port

5 x Audio jacks

1 x Optical S/PDIF out port

1 x BIOS FlashBack button

Internal I/O Connectors Fan and Cooling related

1 x 4-pin CPU Fan header

1 x 4-pin CPU OPT Fan header

1 x 4-pin AIO Pump header

3 x 4-pin Chassis Fan headers

Power related

1 x 24-pin Main Power connector

1 x 8-pin +12V Power connector

Storage related

2 x M.2 slots (Key M)

4 x SATA 6Gb/s ports

USB

1 x USB 3.2 Gen 1 connector (supports USB Type-C®)

1 x USB 3.2 Gen 1 header supports 2 additional USB 3.2 Gen 1 ports

2 x USB 2.0 headers support 4 additional USB 2.0 ports

Miscellaneous

3 x Addressable Gen 2 headers

1 x Aura RGB header

1 x Clear CMOS header

1 x COM Port header

1 x Front Panel Audio header (AAFP)

1 x SPI TPM header (14-1pin)

1 x 20-3 pin System Panel header with Chassis intrude function

1 x Thunderbolt (USB4®) header

Special Features ASUS 5X PROTECTION III

- DIGI+ VRM

- LANGuard

- Overvoltage Protection

- Safeslot Core+

- Stainless-Steel Back I/O

ASUS Q-Design

- Q-DIMM

- Q-LED Core

- Q-Slot

ASUS Thermal Solution

- Flexible M.2 heatsink

- VRM heatsink design

ASUS EZ DIY

- BIOS FlashBack button

- BIOS FlashBack LED

- ProCool

Aura Sync

- Aura RGB header

- Addressable Gen 2 headers

Software Features ASUS Exclusive Software

Armoury Crate

- Aura Creator

- Aura Sync

- Fan Xpert 2+

- Power Saving

AI Suite 3

- TurboV EVO

- DIGI+ VRM

- PC Cleaner

ASUS CPU-Z

Norton Anti-virus software (Free Trial version)

WinRAR

UEFI BIOS

ASUS EZ DIY

- ASUS CrashFree BIOS 3

- ASUS EZ Flash 3
- ASUS UEFI BIOS EZ Mode

BIOS 256 Mb Flash ROM, UEFI AMI BIOS

Manageability WOL by PME, PXE

Accessories Cables

- 2 x SATA 6Gb/s cables

Miscellaneous

- 1 x I/O Shield
- 1 x M.2 Rubber Package
- 1 x Screw package for M.2 SSD

Documentation

- 1 x User guide

Operating System Windows® 11, Windows® 10 64-bit

Form Factor ATX Form Factor

12 inch x 9.6 inch (30.5 cm x 24.4 cm)

Dimension

Product (mm)_ L*W*H 305mm*244mm*37mm

Color Box (mm)_ L*W*H 338mm*373mm*68mm

Weight

Motherboard only 1.01 kg

Full package 1.35 kg

SPECIFICHE	
Tipo	ddr5
Dimensioni	atx
Marca	ASUS
Processore Socket	socket am5
Connettore video	1 x hdmi,1 x displayport

SPECIFICHE TECNICHE	
Connettore Video	1 x HDMI,1 x DisplayPort
Alimentazione	24-pin EATX, 1 x 8-pin EATX V
Chipset	AMD B650
CANALI/CONNETTORI	
USB 2.0 - interni	2
USB 2.0 - retro	2
USB 3.0 - interni	0

USB 3.0 - retro	0
USB 3.2 Gen 1 - interni	2
USB 3.2 Gen 1 - retro	4
USB 3.2 Gen 2 retro	2
SATA revision 2.0 (SATA 3 Gbit/s)	0
SATA revision 3.0 (SATA 6 Gbit/s)	4
PCI	0
PCI-Express 16x	1
PCI-Express 4x	1
PCI-Express 1x	2
Audio	5
SATA M.2	2
Ps/2	0
Ventole chassis	3
PROCESSORE	
Socket	Socket AM5
Famiglia processore	AMD
CPU compatibili	AMD Socket AM5 for AMD Ryzen 7000 Series Desktop Processors
CONTROLLER	
Raid	0/1/5/10
LAN	1 x Gigabit LAN
VIDEO	
GPU integrata	No
Modello scheda video	Non presente
AUDIO INTEGRATO	
Modello scheda audio	Realtek ALC 887
Numero Canali	7,1
MEMORIA	
Tipo Moduli	DDR5
Espansione max	128 GB
Frequenza max	6400 MHz
Numero Slot	4

Dual Channel	Si
GENERALE	
Dotazione Hardware	<p>User's manual I/O Shield 2 x SATA 6Gb/s cable(s) 1 x Supporting DVD 1 x M.2 SSD screw package(s)</p>
Dotazione Software	<p>ASUS Exclusive Software Armoury Crate - Aura Creator - Aura Sync AI Suite 3 - Performance And Power Saving Utility TurboV EVO EPU Digi+ VRM Fan Xpert 4 - EZ update ASUS CPU-Z AI Charger DAEMON Tools Norton Anti-virus software (Free Trial for 60 days) WinRAR UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode</p>
Altre Caratteristiche	<p>ASUS Special Features: ASUS 5X PROTECTION III - ASUS DIGI+ VRM - ASUS Enhanced DRAM Overcurrent Protection - ASUS ESD Guards - ASUS LANGuard - ASUS Overvoltage Protection - ASUS SafeSlot Core - ASUS Stainless-Steel Back I/O ASUS Q-Design - ASUS Q-DIMM - ASUS Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green]) - ASUS Q-Slot ASUS Thermal Solution - Aluminum heatsink design ASUS EZ DIY - SafeSlot AURA Sync</p>

	<ul style="list-style-type: none">- Standard RGB headers- Addressable Gen 2 RGB header
DIMENSIONI	
Form factor	ATX
SOLUZIONI	
Gaming	No