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ASUS PROART B650-CREATOR AMD B650 Socket AM5 ATX
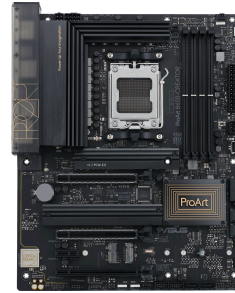
Brand : ASUS

Product name : PROART B650-CREATOR

Product code: 90MB1C40-M0EAY0

PROART B650-CREATOR
ASUS PROART B650-CREATOR. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen™ 3, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Gigabit Ethernet. Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM5
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen
Supported processor sockets	Socket AM5

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✓
Non-ECC	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz
Supported memory clock speed (max)	6400 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
RAID support	✓
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	Not supported

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	4
Front panel audio connector	✓

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Ethernet LAN (RJ-45) ports *	2
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	✓
Microphone in	✓
S/PDIF out port	✓

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet, Gigabit Ethernet
Wi-Fi *	✗

Features

Motherboard chipset *	AMD B650
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Power source type	ATX
Windows operating systems supported	Windows 10, Windows 11 x64

Expansion slots

PCI Express x4 (Gen 1.x) slots	1
PCI Express x16 (Gen 4.x) slots	3
Number of M.2 (M) slots	3

Internal I/O

ATX Power connector (24-pin)	✓
CPU fan connector	✓
Number of chassis fan connectors	4
EPS power connector (8-pin)	✓
Number of COM connectors	1
Thunderbolt headers	1
12V power connector	✓
RGB LED pin header	✓

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit

Weight & dimensions

Width	305 mm
Depth	244 mm

Packaging content

Cables included	SATA
User guide	✓

Other features

Back-to-BIOS button	✓
Number of M.2 (E) slots	1

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