ASUS

ASUS ProArt B550-CREATOR AMD B550 Socket AM4 ATX

Brand : ASUS

Product name : ProArt B550-CREATOR

Product code: 90MB17L0-M0AAY0

- AM4 socket: Ready for AMD Ryzen™ 5000 Series / 4000 G-Series / 3000 Series desktop processors
- Powerful I/O: Dual Thunderbolt 4 Type-C ports, dual 2.5G onboard Ethernet, USB 3.2 Gen 2 plus HDMI™ 2.1 and DisplayPort™ 1.2 output
- Unthrottled Performance: PCI 4.0-ready, 12+2 power stages with high-quality alloy chokes and durable capacitors
- Advanced Security: USB port management, software blacklisting and Regedit on/off controls via ASUS Control Center Express
- ProArt Gives You More: Two-Way AI Noise Cancelation for clear online communication and ProArt Creator Hub with CreationFirst for one-stop system control
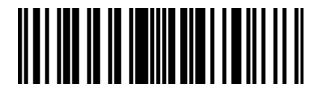- Trusted Stability: Tested for 24/7 operation, validated for extensive compatibility and equipped with SafeSlot for enhanced durability
ATX, AMD B550 chipset, Socket AM4, 4xDDR4 DIMM slots, 7.1ch audio, 2.5-Gigabit LAN, UEFI AMI BIOS

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen
Supported processor sockets	Socket AM4

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✓
Non-ECC	✓
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3333,3466,3600,3733,3866,4000,4133,4266,4400,4466,4600,4800,4866,5100 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA III
Number of storage drives supported	6
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 *	2
Number of SATA III connectors *	4
Audio connector	✓
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
Number of chassis fan connectors	4
EPS power connector (8-pin)	✓
Number of COM connectors	1
TPM connector	✓
Thunderbolt headers	2
12V power connector	✓
RGB LED pin header	✓

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	2
PS/2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
Headphone outputs	5
Microphone in	✓
S/PDIF out port	✓
Thunderbolt ports quantity	2
USB connector type	USB Type-A, USB Type-C

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
LAN controller	Intel I225-V
Wake-on-LAN ready	✓
Wi-Fi *	✗

Features

Motherboard chipset *	AMD B550
Audio chip	SupremeFX S1220A
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	2
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS jumper	✓

Weight & dimensions	
Width	305 mm
Depth	244 mm
Packaging content	
Cables included	SATA
Drivers included	✔

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