

ASUS ProArt B550-CREATOR AMD B550 Socket AM4 ATX

Brand : ASUS

Product code: 90MB17L0-M0AAY0

Product name : ProArt B550-CREATOR



- 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		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	2
Processor socket *	Socket AM4	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series	Ethernet LAN (RJ-45) ports *	2
Supported processor sockets	Socket AM4	PS/2 ports quantity	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	HDMI version	2.1
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	Headphone outputs	5
Memory channels	Dual-channel	Microphone in	✓
ECC compatibility	ECC & Non-ECC	S/PDIF out port	✓
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	Thunderbolt ports quantity	2
Maximum internal memory *	128 GB	USB connector type	USB Type-A, USB Type-C
Unbuffered memory	✓	Network	
Storage controllers		Ethernet LAN	✓
Supported storage drive types	HDD & SSD	Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA III	LAN controller	Intel I225-V
Number of storage drives supported	6	Wake-on-LAN ready	✓
RAID support	✓	Wi-Fi *	✗
RAID levels	0, 1, 10	Features	
Graphics		Motherboard chipset *	AMD B550
Parallel processing technology support *	Not supported	Audio chip	SupremeFX S1220A
Internal I/O		Audio output channels *	7.1 channels
USB 2.0 connectors *	2	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard form factor *	ATX
Number of SATA III connectors *	4	Motherboard chipset family *	AMD
Audio connector	✓	Windows operating systems supported	Windows 10 x64
Front panel audio connector	✓	Expansion slots	
Front panel connector	✓	PCI Express x1 (Gen 3.x) slots	1
ATX Power connector (24-pin)	✓	PCI Express x16 (Gen 3.x) slots	1
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	2
Number of chassis fan connectors	4	Number of M.2 (M) slots	2
EPS power connector (8-pin)	✓	BIOS	
Number of COM connectors	1	BIOS type *	UEFI AMI
TPM connector	✓	BIOS memory size	256 Mbit
Thunderbolt headers	2	Clear CMOS jumper	✓
12V power connector	✓		
RGB LED pin header	✓		

Weight & dimensions

Width	305 mm
Depth	244 mm

Packaging content

Cables included	SATA
Drivers included	✓



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