

ASUS ProArt B550-CREATOR - motherboard - ATX - Socket AM4 - AMD B550



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SKU	90MB17LO-MOEAY0
Product Description:	ASUS ProArt B550-CREATOR - motherboard - ATX - Socket AM4 - AMD B550
Product Type:	Motherboard - ATX
Chipset Type:	AMD B550
Processor Socket:	1 x Socket AM4
Compatible Processors:	Ryzen (supports Ryzen 3000 Series/ 4000 G-Series/ 5000 Series)
Max RAM Size:	128 GB
RAM Supported:	4 DIMM slots - DDR4, non-ECC, ECC, unbuffered

General

Product Type:	Motherboard - ATX
Chipset Type:	AMD B550
Processor Socket:	Socket AM4
Max Processors Qty:	1
Compatible Processors:	Ryzen (supports Ryzen 3000 Series/ 4000 G-Series/ 5000 Series)

Supported RAM

Max Size:	128 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 2133 MHz, 2800 MHz, 3000 MHz, 2666 MHz, 3333 MHz (O.C.), 3466 MHz (O.C.), 3733 MHz (O.C.), 3600 MHz (O.C.), 3866 MHz (O.C.), 4000 MHz (O.C.), 4133 MHz (O.C.), 4400 MHz (O.C.), 4266 MHz (O.C.), 4600 MHz (O.C.), 4800 MHz (O.C.), 3200 MHz, 4866 MHz (O.C.), 4466 MHz (O.C.), 5100 MHz (O.C.)
Supported RAM Integrity Check:	Non-ECC, ECC
Registered or Buffered:	Unbuffered

Miscellaneous

Included Accessories:	1 x M.2 rubber package, M.2 Q-Latch
Cables Included:	2 x Serial ATA cable ; 1 x DisplayPort cable
Software Included:	ASUS AI Charger, ASUS CPU-Z, ASUS AI Suite III, Antivirus (Trial version), ASUS EZ Update, ASUS Turbo App, DAEMON Tools, WinRAR, ASUS ProArt Creator Hub, ASUS AURA Creator, ASUS Control Center Express
Compliant Standards:	DisplayPort 1.4
Width:	30.5 cm
Depth:	24.4 cm

Features

BIOS Type:	AMI
BIOS Features:	BIOS FlashBack, UEFI BIOS

Supported RAM

Features: Dual channel memory architecture

Audio

Type: HD Audio (8-channel)
Audio Codec: SupremeFX (S1220A)
Compliant Standards: High Definition Audio

LAN

Network Controller: 2 x Intel I225-V
Network Interfaces: 2.5 Gigabit Ethernet

Features

Jack retasking, ASUS Q-Design, ESD Guards, Q-DIMM, ASUS EZ DIY, Q-LED, Q-Slot, ASUS Extreme Engine Digi+, CrashFree BIOS 3, audio jack detect technology, ASUS EPU (Energy Processing Unit), ASUS TPU (TurboV Processing Unit), ASUS DIGI+ VRM, ASUS Enhanced DRAM Overcurrent Protection, ASUS Stainless Steel Back I/O, anti-pop function, LANGuard, ASUS Overvoltage Protection, ASUS Fan Xpert 4, ASUS 5X Protection III, ASUS SafeSlot Core, pre-mounted I/O shield, ASUS Aura Sync, ASUS OptiMem II, Armoury Crate, FlexKey button, ASUS ProCool II, 5K Black Metallic Capacitors

Expansion / Connectivity

Expansion Slots: 1 x CPU ; 4 x DIMM 288-pin ; 2 x PCIe 4.0 x16 (dual x8 mode; single card: x16 mode) ; 1 x PCIe 3.0 x16 (x4 mode) ; 2 x PCIe 3.0 x1

Storage Interfaces: SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 ; SATA-600 / PCIe 4.0 -connectors: 1 x M.2 ; SATA-600 / PCIe 3.0 -connectors: 1 x M.2

Interfaces: 2 x LAN (2.5Gigabit Ethernet) ; 1 x audio line-in - mini-jack ; 1 x audio line-out - mini-jack ; 1 x microphone - mini-jack ; 1 x TOSLINK ; 2 x USB 2.0 ; 4 x USB 3.2 Gen 2 ; 1 x audio line-out (center/subwoofer) - mini-jack ; 1 x audio line-out (rear) - mini-jack ; 1 x DisplayPort input ; 1 x HDMI ; 2 x Thunderbolt 4/USB-C Gen2 ; 1 x PS/2 keyboard / mouse

Internal Interfaces: 4 x USB 2.0 - header ; 1 x USB-C Gen 1 - header ; 2 x USB 3.2 Gen 1 - header ; 1 x speaker - header ; 1 x audio - header ; 1 x serial - header

Power Connectors: 4-pin ATX12V connector, 24-pin main power connector, 8-pin ATX12V connector

