

ASUS ROG Crosshair VIII Impact AMD X570 Socket AM4 Mini DTX

Brand : ASUS

Product code: 90MB11Q0-M0EAY0

Product name : ROG Crosshair VIII Impact

AMD X570, AM4, 2 x DIMM, Max. 64GB, DDR4, Intel I211-AT, Intel Wi-Fi 6 AX200, Bluetooth 5.0, 256 Mb Flash ROM, UEFI AMI BIOS, PnP, WfM2.0, SM BIOS 3.2, ACPI 6.2, Mini-DTX Form Factor
ASUS ROG Crosshair VIII Impact. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 2000 Series, AMD Ryzen 3000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Ethernet interface type: 10 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet, LAN controller: Intel® I211-AT, Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac). Component for: Mini PC, Motherboard form factor: Mini DTX, Motherboard chipset family: AMD



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Headphone outputs	1
Processor socket *	Socket AM4	Microphone in	✓
Compatible processor series *	AMD Ryzen 2000 Series, AMD Ryzen 3000 Series	Network	
Maximum number of SMP processors	1	Ethernet LAN	✓
Supported processor sockets	Socket AM4	Ethernet interface type	10 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Memory		LAN controller	Intel® I211-AT
Supported memory types *	DDR4-SDRAM	Wi-Fi *	✓
Number of memory slots *	2	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Memory slots type	DIMM	Bluetooth	✓
Memory channels	Dual-channel	Bluetooth version	5.0
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4800 MHz	Storage controllers	
Maximum internal memory *	64 GB	Supported storage drive types	HDD & SSD
Supported memory module capacities	4GB, 8GB, 16GB, 32GB	Supported storage drive interfaces *	SATA III
Unbuffered memory	✓	Number of HDDs supported	4
Storage controllers		RAID levels	0, 1, 10
Supported storage drive types	HDD & SSD	Internal I/O	
Supported storage drive interfaces *	SATA III	USB 2.0 connectors *	1
Number of HDDs supported	4	USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
RAID levels	0, 1, 10	USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Internal I/O		Number of SATA III connectors *	4
USB 2.0 connectors *	1	Audio connector	✓
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Front panel audio connector	✓
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	ATX Power connector (24-pin)	✓
Number of SATA III connectors *	4	Power fan connector	✓
Audio connector	✓	Features	
Front panel audio connector	✓	Motherboard chipset *	AMD X570
ATX Power connector (24-pin)	✓	Audio chip	SupremeFX S1220A
Power fan connector	✓	Audio output channels *	8.0 channels
Features		Component for *	Mini PC
Motherboard chipset *	AMD X570	Motherboard form factor *	Mini DTX
Audio chip	SupremeFX S1220A	Motherboard chipset family *	AMD
Audio output channels *	8.0 channels	Cooling type	Passive
Component for *	Mini PC	Power source type	ATX
Motherboard form factor *	Mini DTX	Number of mounting holes	4
Motherboard chipset family *	AMD	Windows operating systems supported	Windows 10
Cooling type	Passive	BIOS	
Power source type	ATX	BIOS type *	UEFI AMI
Number of mounting holes	4	BIOS memory size	256 Mbit
Windows operating systems supported	Windows 10	ACPI version	6.2

Internal I/O		BIOS	
CPU fan connector	✓	Clear CMOS jumper	✓
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	3.2
Rear panel I/O ports		Logistics data	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	8	Harmonized System (HS) code	84733020
Ethernet LAN (RJ-45) ports *	1	Weight & dimensions	
		Width	203 mm
		Depth	170 mm
		Height	82 mm
		Packaging content	
		Drivers included	✓
		Other features	
		HDD size	2.5/3.5"
		Weight	850 g
		Quick installation guide	✓
		BIOS switch button	✓



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