

GIGABYTE X570S AORUS MASTER motherboard AMD X570 Socket AM4 ATX

Brand : GIGABYTE

Product code: X570S AORUS MASTER

Product name : X570S AORUS MASTER

- Supports AMD Ryzen™ 5000 Series/ Ryzen™ 4000 G Series/ Ryzen™ 3000 Series/ Ryzen™ 3000 G Series/ Ryzen™ 2000 Series/ Ryzen™ 2000 G Series Processors
 - Dual Channel ECC/ Non-ECC Unbuffered DDR4, 4 DIMMs
 - Active OC Tuner features Dynamic Change Between P.B.O. and Manual OC Settings
 - Direct 14+2 Phases Infineon Digital VRM Solution with 70A Power Stage
 - Advanced Thermal Solution with Fins-Array II, Direct Touch Heatpipe II, M.2 Thermal Guard III and Thermal Backplate
 - Intel® WiFi 6E 802.11ax & BT 5.2
 - Quad Ultra-Fast NVMe PCIe 4.0/3.0 x4 M.2 with Thermal Guards
 - Blazing Fast Intel® 2.5GbE LAN with cFosSpeed
 - SuperSpeed USB 3.2 Gen 2x2 TYPE-C® delivers up to 20Gb/s transfer speeds
 - 125dB SNR AMP-UP Audio with High-End ESS SABRE 9118 DAC, ALC1220-VB and WIMA Audio Capacitors
- ATX, AMD X570 chipset, Socket AM4, 4xDDR4 DIMM slots, 7.1ch audio, 2.5-Gigabit LAN, Wi-Fi 6E, Bluetooth, AMI UEFI BIOS



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor socket *	Socket AM4	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series	Headphone outputs	5
Supported processor sockets	Socket AM4	Microphone in	✓
		S/PDIF out port	✓
		WiFi-AP antenna jack	2
		USB connector type	USB Type-A, USB Type-C
Memory		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	2.5 Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
ECC compatibility	ECC & Non-ECC	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Supported memory clock speeds MHz	2133, 2400, 2667, 2933, 3200, 3300, 3333, 3400, 3466, 3600, 3733, 3800, 3866, 4000, 4133, 4266, 4300, 4400, 4600, 4866, 5000, 5100, 5200, 5400	WLAN controller model	Intel Wi-Fi 6E AX210
Maximum internal memory *	128 GB	Bluetooth	✓
Unbuffered memory	✓	Bluetooth version	5.2
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD X570
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA III	Audio chip	Realtek ALC1220-VB
Number of storage drives supported	10	Audio output channels *	7.1 channels
RAID support	✓	PC health monitoring	Fan, Temperature, Voltage
RAID levels	0, 1, 10	Component for *	PC
		Motherboard form factor *	ATX
		Motherboard chipset family *	AMD
		Windows operating systems supported	Windows 10 x64
Graphics		Expansion slots	
Parallel processing technology support *	2-Way CrossFireX, Quad-GPU CrossFireX	PCI Express x16 slots	3
		Number of M.2 (M) slots	4
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		
Number of SATA III connectors *	6		
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)	✓		

Internal I/O		BIOS	
TPM connector	✓	BIOS type *	UEFI AMI
Thunderbolt headers	1	BIOS memory size	256 Mbit
12V power connector	✓	ACPI version	5.0
RGB LED pin header	✓	Clear CMOS jumper	✓
Rear panel I/O ports		Clear CMOS button	✓
USB 2.0 ports quantity *	4	Desktop Management Interface (DMI) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5	Logistics data	
		Harmonized System (HS) code	84733020
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	85 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Bundled software	Norton Internet Security, cFosSpeed
		Other features	
		Weight	1 kg



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