

Gigabyte X570S AORUS ELITE AX motherboard AMD X570 Socket AM4 ATX

Brand : Gigabyte

Product code: X570S AORUS ELITE AX

Product name : X570S AORUS ELITE AX

- Supports AMD Ryzen™ 5000 Series/ Ryzen™ 5000 G-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
 - Twin 12+2 Phases Digital VRM Solution with 60A DrMOS
 - Fully Covered Thermal Design with High Coverage MOSFET Heatsinks
 - AMD WiFi 6E 802.11ax & BT 5.2
 - Triple Ultra-Fast NVMe PCIe 4.0/3.0 x4 M.2 with Thermal Guards
 - Fast 2.5GbE LAN with Bandwidth Management
 - SuperSpeed USB 3.2 Gen 2x2 TYPE-C® delivers up to 20Gb/s transfer speeds
 - AMP-UP Audio with ALC1220-VB and WIMA Audio Capacitors
 - Smart Fan 6 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
- ATX, AMD X570 chipset, Socket AM4, 4xDDR4 DIMM slots, 7.1ch audio, 2.5-Gigabit LAN, Wi-Fi 6, Bluetooth, AMI UEFI BIOS



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor socket *	Socket AM4	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM4	HDMI ports quantity *	1
Memory		Headphone outputs	1
Supported memory types *	DDR4-SDRAM	Microphone in	✓
Number of memory slots *	4	S/PDIF out port	✓
Memory slots type	DIMM	WiFi-AP antenna jack	2
Memory channels	Dual-channel	USB connector type	USB Type-A, USB Type-C
ECC	✓	Network	
Non-ECC	✓	Ethernet LAN	✓
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	Ethernet interface type	2.5 Gigabit Ethernet
Maximum internal memory *	128 GB	Wi-Fi *	✓
Unbuffered memory	✓	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Storage controllers		WLAN controller model	Intel Wi-Fi 6 AX200
Supported storage drive types	HDD & SSD	Bluetooth	✓
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, SATA III	Bluetooth version	5.2
Number of storage drives supported	9	Features	
RAID support	✓	Motherboard chipset *	AMD X570
RAID levels	0, 1, 10	Audio chip	Realtek ALC1220-VB
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	2-Way CrossFireX, Quad-GPU CrossFireX	PC health monitoring	Fan, Temperature, Voltage
Maximum resolution	4096 x 2160 pixels	Component for *	PC
HDCP	✓	Motherboard form factor *	ATX
Internal I/O		Motherboard chipset family *	AMD
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10 x64
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 slots	3
Number of SATA III connectors *	6	Number of M.2 (M) slots	3
Front panel audio connector	✓		
Front panel connector	✓		

Internal I/O		BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of chassis fan connectors	3	ACPI version	5.0
EPS power connector (8-pin)	✓	Clear CMOS jumper	✓
TPM connector	✓	Desktop Management Interface (DMI) version	2.7
Thunderbolt headers	1	System Management BIOS (SMBIOS) version	2.7
12V power connector	✓		
RGB LED pin header	✓		
Rear panel I/O ports		Logistics data	
USB 2.0 ports quantity *	4	Harmonized System (HS) code	84733020
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4		
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	80 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Bundled software	Norton® Internet Security (OEM version), Realtek® 8125 Gaming LAN Bandwidth Control Utility
		Other features	
		Weight	1 kg



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