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 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 2x2 Type-C ports	1
Processor socket *		Socket AM4	quantity	
Compatible processor series *		AMD Ryzen 3000 Series, AMD Ryzen 5000 Series	Ethernet LAN (RJ-45) ports * HDMI ports quantity *	1
Supported processor sockets		Socket AM4	Headphone outputs	1
Memory Supported memory types *	DDR4-SDRAM		Microphone in	✓
Number of memory slots * Memory slots type	4 DIMM		S/PDIF out port	✓
Memory channels ECC compatibility	Dual-channel ECC & Non-ECC		WiFi-AP antenna jack	2
Supported memory clock speeds Maximum internal memory *	2133,2400,2667,2933,3200,3300,3333,3400,34 MHz 128 GB	66,3600,3733,3800,3866,4000,4133,4266,4300,4400,4600,4866,5000,5100,5200,5400	USB connector type	USB Type-A, USB Type-C
Storage controllers			Network	
Supported storage drive types Supported storage drive interfaces *		HDD & SSD * M.2, PCI Express 3.0, PCI Express 4.0, SATA III	Ethernet LAN	✓
			Ethernet interface type	2.5 Gigabit Ethernet
			Wi-Fi *	✓
Number of storage drives supported		9	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
RAID support		✓	WLAN controller model	Intel Wi-Fi 6 AX200
RAID levels		0, 1, 10	Bluetooth	✓
Graphics			Bluetooth version	5.2
Parallel processing technology 2-V		2-Way CrossFireX, Quad-GPU	Features	
support *		CrossFireX	Motherboard chipset *	AMD X570
Maximum resolution		4096 x 2160 pixels	Audio chip	Realtek ALC1220-VB
HDCP		✓	Audio output channels *	7.1 channels
Internal I/O			PC health monitoring	Fan, Temperature, Voltage
USB 2.0 connectors *		2	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1)		2	Motherboard form factor *	ATX
connectors *		2	Motherboard chipset family *	AMD
USB 3.2 Gen 2 connectors *	.2 Gen 2 (3.1 Gen 2) ctors *		Windows operating systems supported	Windows 10 x64
Number of SATA III connectors *		6 ✓	Expansion slots	
Front panel audio connector			PCI Express x16 slots	3
Front panel connector		✓	Number of M.2 (M) slots	3
ATX Power connector (24-pin)		✓		
CPU fan conne	ctor	✓		

Internal I/O		BIOS	
Number of chassis fan connectors	3	BIOS type *	UEFI AMI
EPS power connector (8-pin)		BIOS memory size	256 Mbit
TPM connector	✓	ACPI version	5.0
Thunderbolt headers	1	Clear CMOS jumper	1
12V power connector RGB LED pin header	1	Desktop Management Interface (DMI) version	2.7
Rear panel I/O ports	•	System Management BIOS (SMBIOS) version	2.7
USB 2.0 ports quantity *	4	Logistics data	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Harmonized System (HS) code	84733020
USB 3.2 Gen 2 (3.1 Gen 2) Type-A	3	Weight & dimensions	
ports quantity *		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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