

GIGABYTE Z890 AORUS XTREME AI TOP Intel Z890 LGA 1851 (Socket V1) Verlengd ATX

Merk : GIGABYTE

Artikelcode: Z890 A XTREME AI TOP

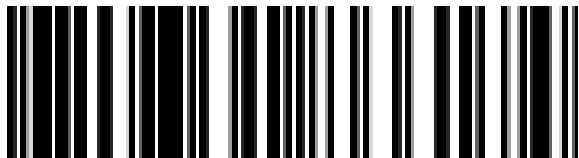
Productnaam : Z890 AORUS XTREME AI TOP

GIGABYTE Z890 AORUS XTREME AI TOP. Processorfabrikant: Intel, Processor socket: LGA 1851 (Socket V1), Compatibele processors: Intel Core Ultra (Series 2). Ondersteunde geheugen types: DDR5-SDRAM, Maximum intern geheugen: 256 GB, Geheugen slots type: DIMM. Ondersteunde opslagstationinterfaces: M.2, SATA III, Ondersteunde types opslag-drives: HDD & SSD, Soorten RAID: 0, 1, 5, 10. Maximum resolutie: 7680 x 4320 Pixels. Ethernet interface type: 10 Gigabit Ethernet, LAN controller: Marvell AQtion AQC113C, Top Wi-Fi standard: Wi-Fi 7 (802.11be)



Processor		Network	
Processor manufacturer *	Intel	LAN controller	Marvell AQtion AQC113C
Processor socket *	LGA 1851 (Socket V1)	Wi-Fi *	✓
Compatible processor series *	Intel Core Ultra (Series 2)	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported processor sockets	LGA 1851	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)
Maximum internal memory supported by processor	256 GB	WLAN controller model	Intel Wi-Fi 7 BE200
Memory		Bluetooth	✓
Supported memory types *	DDR5-SDRAM	Bluetooth version	5.4
Number of memory slots *	4	Features	
Memory slots type	DIMM	Motherboard chipset *	Intel Z890
Memory channels	Dual-channel	Audio chip	ESS ES9280AC + ESS ES9080
ECC compatibility	ECC & Non-ECC	Audio output channels *	2.0 channels
Supported memory clock speeds	5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600,9500 MHz	Product colour	Black
Supported memory clock speed (max)	9500 MHz	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Maximum internal memory *	256 GB	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	Extended ATX
Maximum internal memory per slot	64 GB	Motherboard chipset family *	Intel
Storage controllers		Windows operating systems supported	Windows 11 x64
Supported storage drive types	HDD & SSD	Expansion slots	
Supported storage drive interfaces *	M.2, SATA III	PCI Express x16 (Gen 4.x) slots	1
Number of HDDs supported	4	PCI Express x16 (Gen 5.x) slots	2
Number of storage drives supported	8	Number of M.2 (M) slots	4
RAID support	✓	1st M.2 largest key size	25110
RAID levels	0, 1, 5, 10	1st M.2 highest PCI Express generation	5.0
Graphics		2nd M.2 largest key size	25110
Parallel processing technology support *	Not supported		
Maximum resolution	7680 x 4320 pixels		
HDCP	✓		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	2nd M.2 highest PCI Express generation	4.0
USB 3.2 Gen 2x2 connectors	2	3rd M.2 largest key size	22110
Number of SATA III connectors *	4	3rd M.2 highest PCI Express generation	4.0
Front panel connector	✓	4th M.2 largest key size	22110
ATX Power connector (24-pin)	✓	4th M.2 highest PCI Express generation	4.0
CPU fan connector	✓	BIOS	
Number of CPU fan connectors	2	BIOS type *	UEFI AMI
Number of chassis fan connectors	3	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	ACPI version	5.0
Number of EPS power connectors (8-pin)	2	Clear CMOS jumper	✓
Thunderbolt headers	1	Clear CMOS button	✓
Number of water pump connectors	2	Desktop Management Interface (DMI) version	2.7
Number of temperature sensor headers	2	System Management BIOS (SMBIOS) version	2.7
Number of noise detection headers	1	Logistics data	
RGB LED pin header	✓	Country of origin	Taiwan
Number of RGB LED pin headers	4	Products per shipping (inner) case	1 pc(s)
Rear panel I/O ports		Battery	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	10	Battery weight	3 g
Ethernet LAN (RJ-45) ports *	2	Lithium weight per battery	0.07 g
Headphone outputs	1	Number of battery cells	1
Microphone in	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
S/PDIF out port	✓	Battery type	CR2032
Thunderbolt ports quantity	2	Packaging data	
WiFi-AP antenna jack	2	Package width	386 mm
Network		Package depth	370 mm
Ethernet LAN	✓	Package height	140 mm
Ethernet interface type	10 Gigabit Ethernet	Package weight	6.7 kg
		Weight & dimensions	
		Width	304.8 mm
		Depth	305 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	5.03 kg
		Technical details	
		Warranty period	3 year(s)



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Publication date: 01-APR-2025. Prints or copies of Information are only valid on the printed Publication date