

GIGABYTE W880 AI TOP Motherboard - Supports Intel Core Ultra CPUs, 16+1+2 Phases Digital VRM, up to 9466Hz DDR5 (OC), 1xPCIe 5.0 + 3xPCIe 4.0, Wi-Fi 7, 10GbE LAN, Thunderbolt 5

Brand : GIGABYTE

Product code: W880 AI TOP

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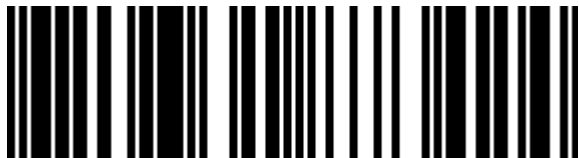
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Processor		Network	
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor socket *	LGA 1851 (Socket V1)	Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet, 10 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Compatible processor series *	Intel Core Ultra (Series 2)	LAN controller	Marvell AQtion AQC113C
Supported processor sockets	LGA 1851	Wi-Fi *	✓
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory * Unbuffered memory Maximum internal memory per slot	DDR5-SDRAM 4 DIMM Dual-channel ECC & Non-ECC 9466, 9333, 9200, 9066, 8933, 8800, 8600, 8400, 8266, 8200, 8000, 7950, 7900, 7800, 7600, 7400, 7200, 7000, 6800, 6600, 6400, 6200, 6000, 5800, 5600 MHz 9466 MHz 256 GB ✓ 64 GB	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
		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), Wi-Fi 7 (802.11be)
		WLAN controller model	Intel Wi-Fi 7 BE200
		Bluetooth	✓
		Bluetooth version	5.4
		Features	
		Motherboard chipset *	Intel W880
		Audio chip	ESS ES9260
		Audio output channels *	2.0 channels
Storage controllers		Product colour	Black
Supported storage drive types	HDD & SSD	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	Extended ATX
Number of storage drives supported	12	Motherboard chipset family *	Intel
RAID support	✓	Cooling type	Passive
RAID levels	0, 1, 5, 10	Power source type	ATX
Graphics		Windows operating systems supported	Windows 11 x64
Parallel processing technology support *	Not supported	Expansion slots	
Maximum resolution	7680 x 4320 pixels	PCI Express x16 (Gen 4.x) slots	1
HDCP	✓	PCI Express x16 (Gen 5.x) slots	2
HDCP version	2.3	Number of M.2 (M) slots	4
DirectX version	12.0	1st M.2 largest key size	25110
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
USB 3.2 Gen 2x2 connectors	2		
Number of SATA III connectors *	8		
Front panel audio connector	✓		
Front panel connector	✓		

Internal I/O		Expansion slots	
ATX Power connector (24-pin)	✓	1st M.2 highest PCI Express generation	5.0
CPU fan connector	✓	2nd M.2 largest key size	25110
Number of CPU fan connectors	2	2nd M.2 highest PCI Express generation	4.0
Number of chassis fan connectors	6	3rd M.2 largest key size	22110
EPS power connector (8-pin)	✓	3rd M.2 highest PCI Express generation	4.0
Number of EPS power connectors (8-pin)	2	4th M.2 largest key size	22110
TPM connector	✓	4th M.2 highest PCI Express generation	4.0
Thunderbolt headers	1	BIOS	
Number of water pump connectors	3	BIOS type *	UEFI AMI
Number of temperature sensor headers	2	BIOS memory size	256 Mbit
Number of noise detection headers	1	ACPI version	5.0
RGB LED pin header	✓	Clear CMOS jumper	✓
Number of RGB LED pin headers	4	Desktop Management Interface (DMI) version	2.7
Rear panel I/O ports		System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Logistics data	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Country of origin	Taiwan
Ethernet LAN (RJ-45) ports *	2	Products per shipping (inner) case	1 pc(s)
HDMI ports quantity *	1	Battery	
HDMI version	2.1	Battery weight	3 g
DisplayPorts quantity	1	Lithium weight per battery	0.07 g
DisplayPort version	2.1	Number of battery cells	1
Headphone outputs	1	Battery capacity	220 mAh
Line-in	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Thunderbolt ports quantity	2	Battery type	CR2032
WiFi-AP antenna jack	2	Packaging data	
		Package width	370 mm
		Package depth	328 mm
		Package height	93 mm
		Package weight	4.11 kg
		Weight & dimensions	
		Width	305 mm
		Depth	285 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	3.52 kg
		Technical details	
		Warranty period	3 year(s)



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