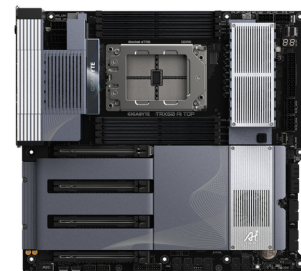


GIGABYTE TRX50 AI TOP-2B Motherboard - AMD Ryzen Threadripper PRO 7000 CPUs, 16+8+4 Phases Digital VRM, up to 5200 MHz DDR5, 4xPCIe 5.0 M.2, Wi-Fi 7, 10 GbE LAN, USB 4



Brand : GIGABYTE

Product code: TRX50 AI TOP-2B

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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.

Processor		Network	
Processor manufacturer *	AMD	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Processor socket *	Socket sTR5	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)
Compatible processor series *	AMD Ryzen Threadripper 7000 Series, AMD Ryzen Threadripper PRO 7000 WX-Series		
Supported processor sockets	Socket sTR5	WLAN controller model	Qualcomm QCNCM865
Memory		Bluetooth	✓
Supported memory types *	DDR5-SDRAM	Bluetooth version	5.3
Number of memory slots *	8	Features	
Memory slots type	DIMM	Motherboard chipset *	AMD TRX50
Memory channels	Quad-channel	Audio output channels *	2.0 channels
ECC compatibility	ECC	Product colour	Black
Supported memory clock speed (max)	5200 MHz	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Maximum internal memory *	2 TB	Component for *	PC
Unbuffered memory	✗	Motherboard form factor *	Extended ATX
Storage controllers		Motherboard chipset family *	AMD
Supported storage drive types	HDD & SSD	Cooling type	Active
Supported storage drive interfaces *	M.2, PCI Express 5.0, SATA III	Power source type	ATX
Number of HDDs supported	4	Linux operating systems supported	Ubuntu 24.04 LTS
Number of storage drives supported	8	Windows operating systems supported	Windows 11 x64
RAID support	✓	Expansion slots	
RAID levels	0, 1, 10	PCI Express x16 (Gen 5.x) slots	4
Graphics		Number of M.2 (M) slots	4
Parallel processing technology support *	Not supported	1st M.2 largest key size	2280
HDCP	✗	1st M.2 highest PCI Express generation	5.0
DirectX version	12.0	2nd M.2 largest key size	2280
Internal I/O		2nd M.2 highest PCI Express generation	5.0
USB 2.0 connectors *	2	3rd M.2 largest key size	2280
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	3rd M.2 highest PCI Express generation	5.0

Internal I/O		Expansion slots	
USB 3.2 Gen 2x2 connectors	1	4th M.2 largest key size	2280
Number of SATA III connectors *	4	4th M.2 highest PCI Express generation	5.0
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	ACPI version	5.0
Number of CPU fan connectors	2	Clear CMOS jumper	✓
Number of chassis fan connectors	6	Clear CMOS button	✓
EPS power connector (8-pin)	✓	Desktop Management Interface (DMI) version	2.7
Number of EPS power connectors (8-pin)	2	System Management BIOS (SMBIOS) version	2.7
TPM connector	✓	Logistics data	
12V power connector	✓	Country of origin	China
Number of water pump connectors	5	Products per shipping (inner) case	1 pc(s)
Number of temperature sensor headers	2	Battery	
Number of noise detection headers	1	Battery weight	3 g
RGB LED pin header	✓	Lithium weight per battery	0.07 g
Number of RGB LED pin headers	4	Number of battery cells	1
Rear panel I/O ports		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Battery type	CR2032
USB4 Gen 3x2 ports quantity	2	Packaging data	
Ethernet LAN (RJ-45) ports *	2	Package width	379 mm
DisplayPorts quantity	1	Package depth	397 mm
Headphone outputs	1	Package height	105 mm
Line-in	✓	Package weight	6.47 kg
WiFi-AP antenna jack	2	Weight & dimensions	
Network		Width	305 mm
Ethernet LAN	✓	Depth	330 mm
Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet, 10 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet	Height	35 mm
LAN controller	Marvell AQtion AQC113C	Packaging content	
Wi-Fi *	✓	Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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