

GIGABYTE TRX50 AI TOPMotherboard - Supports AMD Ryzen PRO 7000 CPUs, 16+8+4 Phases Digital VRM, up to 5200MHz DDR5 (OC), 4xPCIe 5.0 + 4xPCIe 4.0 M.2, Wi-Fi 7, 10GbE LAN, USB 3.2 Gen 2x2

Brand : GIGABYTE

Product code: TRX50 AI TOP

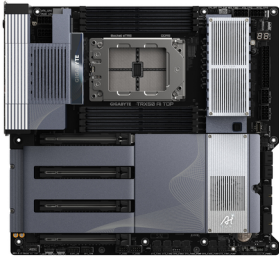
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content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



Processor		Network	
Processor manufacturer *	AMD	Wi-Fi *	✓
Processor socket *	Socket AM4	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Compatible processor series *	AMD Ryzen 3000 Series	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be)
Supported processor sockets	sTRX5		
Maximum internal memory supported by processor	2 TB	Bluetooth	✓
Memory		Bluetooth version	5.3
Supported memory types *	DDR5-SDRAM	Features	
Number of memory slots *	8	Motherboard chipset *	AMD TRX50
Memory slots type	DIMM	Audio chip	Realtek ALC4080
Memory channels	Quad-channel	Audio output channels *	2.0 channels
ECC compatibility	ECC	PC health monitoring	Fan, Temperature, Voltage
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	Linux operating systems supported	Ubuntu 24.04 LTS
Supported storage drive interfaces *	M.2, SATA III	Windows operating systems supported	Windows 11
Number of HDDs supported	4	Expansion slots	
Number of storage drives supported	8	PCI Express x16 slots	3
RAID support	✓	Number of M.2 (M) slots	4
RAID levels	0, 1, 10	BIOS	
Graphics		BIOS type *	UEFI AMI
Maximum resolution	4096 x 2160 pixels	BIOS memory size	256 Mbit
HDCP	✓	ACPI version	5.0
DirectX version	12.0	Clear CMOS jumper	✓
Internal I/O		Desktop Management Interface (DMI) version	2.7
USB 2.0 connectors *	2		

Internal I/O		BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	System Management BIOS (SMBIOS) version	2.7
Number of SATA III connectors *	4	Logistics data	
Total number of SATA connectors	4	Country of origin	Taiwan
Front panel audio connector	✓	Products per shipping (inner) case	1 pc(s)
Front panel connector	✓	Battery	
ATX Power connector (24-pin)	✓	Battery weight	3 g
Power fan connector	✓	Lithium weight per battery	0.07 g
CPU fan connector	✓	Number of battery cells	1
EPS power connector (8-pin)	✓	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
TPM connector	✓	Battery type	CR2032
Serial port headers	1	Packaging data	
RGB LED pin header	✓	Package width	379 mm
Rear panel I/O ports		Package depth	397 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Package height	105 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2	Package weight	6.47 kg
Ethernet LAN (RJ-45) ports *	1	Weight & dimensions	
Network		Width	305 mm
Ethernet LAN	✓	Depth	330 mm
Ethernet interface type	10 Gigabit Ethernet	Height	35 mm
		Packaging content	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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