



GIGABYTE TRX50 AERO D Motherboard - Supports AMD Ryzen PRO 7000 CPUs, 16+8+4 Phases Digital VRM, up to 7800MHz DDR5 (OC), 4xPCIe 4.0 M.2, Wi-Fi 7, 2.5GbE LAN, USB 3.2 Gen 2

Brand : GIGABYTE

Product code: TRX50 AERO D

Product name : TRX50 AERO D Motherboard - Supports AMD Ryzen PRO 7000 CPUs, 16+8+4 Phases Digital VRM, up to 7800MHz DDR5 (OC), 4xPCIe 4.0 M.2, Wi-Fi 7, 2.5GbE LAN, USB 3.2 Gen 2

AMD TRX50, sTR5, DDR5, 10GbE LAN, Wi-Fi 7, PCIe 5.0, M.2, 8 x SATA 6Gb/s, E-ATX, USB 3.2, 256 Mbit, AMI UEFI BIOS, 30.5 x 26.4 cm

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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	Ethernet LAN	✓
Processor socket *	Socket sTR5	Ethernet interface type	10 Gigabit Ethernet
Compatible processor series *	AMD Ryzen™ Threadripper™	Wi-Fi *	✓
Maximum number of SMP processors	1	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Maximum internal memory supported by processor	1 TB	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 7 (802.11be)
Memory		Bluetooth	✓
Supported memory types *	DDR5-SDRAM	Bluetooth version	5.3
Number of memory slots *	4	Features	
Memory slots type	DIMM	Motherboard chipset *	AMD TRX50
Memory channels	Quad-channel	Audio chip	Realtek ALC4080
ECC	✓	Audio output channels *	2.0 channels
Supported memory clock speeds	4400,4800,5200,5600,6000,6400,6800,7000,7200,7600,7800 MHz	Product colour	Black
Supported memory clock speed (max)	7800 MHz	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Maximum internal memory *	1 TB	Component for *	PC
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB, 64GB, 128GB, 128MB, 256MB	Motherboard form factor *	Extended ATX
Storage controllers		Motherboard chipset family *	AMD
Supported storage drive types	SSD	Windows operating systems supported	Windows 11 x64
Supported storage drive interfaces *	M.2, SATA	Expansion slots	
Number of HDDs supported	8	PCI Express x16 slots	3
Number of storage drives supported	12	PCI Express x16 (Gen 4.x) slots	1
RAID support	✓	PCI Express x16 (Gen 5.x) slots	2
RAID levels	0, 1, 10	Number of M.2 (M) slots	4
Graphics		BIOS	
DirectX version	12.0	BIOS type *	UEFI AMI
Internal I/O		BIOS memory size	256 Mbit
USB 2.0 connectors *	2	ACPI version	5.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Clear CMOS jumper	✓
USB 3.2 Gen 2x2 connectors	1	Clear CMOS button	✓
Number of SATA III connectors *	8		
Total number of SATA connectors	8		

Internal I/O		BIOS	
Audio connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
CPU fan connector	✓	Logistics data	
Number of chassis fan connectors	10	Country of origin	China
EPS power connector (8-pin)	✓	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	Battery	
Rear panel I/O ports		Battery weight	3 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Lithium weight per battery	0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Ethernet LAN (RJ-45) ports *	2	Battery type	CR2032
DisplayPorts quantity	1	Packaging data	
Headphone outputs	2	Package width	345 mm
		Package depth	294 mm
		Package height	80 mm
		Package weight	3.04 kg
		Weight & dimensions	
		Width	305 mm
		Depth	264 mm
		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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