

## Gigabyte X399 DESIGNARE EX motherboard AMD X399 Socket TR4 ATX

**Brand :** Gigabyte

**Product code:** X399 DESIGNARE EX

**Product name :** X399 DESIGNARE EX

X399 DESIGNARE EX, SocketTR4, AMD X399, 8x DDR4 DIMM, Realtek ALC1220, Wi-Fi, Bluetooth 4.2, 3x M.2, 8x SATAIII, USB 3.1, PS/2, 2x RJ-45, S/PDIF, ATX, 305x244 mm

Gigabyte X399 DESIGNARE EX. Processor manufacturer: AMD, Processor socket: Socket TR4, Compatible processor series: AMD Ryzen™ Threadripper™, AMD Ryzen™ Threadripper™: The Second Generation.

Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM.

RAID levels: 0, 1, 10. Parallel processing technology support: 2-Way CrossFireX, 2-Way SLI, 3-Way CrossFireX, 3-Way SLI, 4-Way CrossFireX, 4-Way SLI, Quad-GPU.... Ethernet interface type: Gigabit Ethernet, Wi-Fi standards: 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)

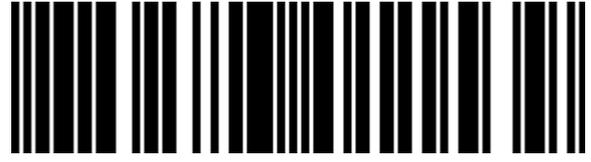


Processor		Network	
Processor manufacturer *	AMD	Ethernet LAN	✓
Processor socket *	Socket TR4	Ethernet interface type	Gigabit Ethernet
Compatible processor series *	AMD Ryzen™ Threadripper™, AMD Ryzen™ Threadripper™: The Second Generation	Wi-Fi *	✓
Maximum number of SMP processors	1	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Memory		Bluetooth	✓
Supported memory types *	DDR4-SDRAM	Bluetooth version	4.2
Number of memory slots *	8	Features	
Memory slots type	DIMM	Motherboard chipset *	AMD X399
Memory channels	Quad-channel	Audio chip	Realtek ALC1220
ECC	✓	Audio output channels *	7.1 channels
Non-ECC	✓	PC health monitoring	Fan, Temperature, Voltage
Supported memory clock speeds	2133,2400,2667 MHz	Component for *	PC
Maximum internal memory *	128 GB	Motherboard form factor *	ATX
Unbuffered memory	✓	Motherboard chipset family *	AMD
Storage controllers		Power source type	ATX
RAID levels	0, 1, 10	Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64
Graphics		Expansion slots	
Parallel processing technology support *	2-Way CrossFireX, 2-Way SLI, 3-Way CrossFireX, 3-Way SLI, 4-Way CrossFireX, 4-Way SLI, Quad-GPU CrossFireX, Quad-GPU SLI	PCI Express x16 (Gen 2.x) slots	1
Internal I/O		PCI Express x16 (Gen 3.x) slots	4
USB 2.0 connectors *	2	Number of M.2 (M) slots	3
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	BIOS	
Number of SATA III connectors *	8	BIOS type *	UEFI AMI
S/PDIF out connector	✓	BIOS memory size	128 Mbit
Front panel audio connector	✓	ACPI version	5.0
Front panel connector	✓	Clear CMOS jumper	✓
ATX Power connector (24-pin)	✓	Clear CMOS button	✓
CPU fan connector	✓	Plug and Play	✓
Number of chassis fan connectors	4	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7

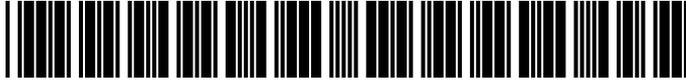
Internal I/O		Processor special features	
TPM connector	✓	Intel Extreme Memory Profile (XMP)	✓
12V power connector	✓	<b>Weight &amp; dimensions</b>	
<b>Rear panel I/O ports</b>		Width	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	8	Depth	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	<b>Packaging content</b>	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Cables included	SATA
Ethernet LAN (RJ-45) ports *	2	Manual	✓
PS/2 ports quantity	1	Drivers included	✓
S/PDIF out port	✓	Bundled software	Norton Internet Security, XSplit Gamecaster + Broadcaster, cFosSpeed
		<b>Other features</b>	
		Quick installation guide	✓



4719331802387



0889523011539



889523011539

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.