

Gigabyte X299 UD4 Pro Intel® X299 LGA 2066 (Socket R4) ATX

Brand : Gigabyte

Product code: X299 UD4 PRO

Product name : X299 UD4 Pro

- Supports Intel® Core™ X-Series Processor Family
- Quad Channel Non-ECC Unbuffered DDR4, 8 DIMMs
- Intel® Optane™ Memory Ready
- Intel® VROC ready
- ASMedia 3142 USB 3.1 Gen 2 with USB Type-A
- 3-Way Graphics Support
- Server-Class Digital Power Design
- ALC1220 120dB SNR HD Audio with Smart Headphone AMP and WIMA audio capacitor
- RGB FUSION support Digital LED and RGBW Light Strips
- Smart Fan 5 features Multiple Temperature Sensors and Hybrid Fan Headers with FAN STOP
- Dual Ultra-Fast M.2 with PCIe Gen3 x4 interface
- NVMe PCIe Gen3 x4 U.2 support by optional adaptor
- Intel GbE LAN Gaming Network with cFosSpeed Internet Accelerator Software
- Anti-Sulfur Resistor Design
- Ultra Durable™ 25KV ESD and 15KV Surge LAN Protection
- Lightning-Fast Intel® Thunderbolt™ 3 AIC Support
- GIGABYTE UEFI DualBIOS™
- APP Center Including EasyTune™ and Cloud Station™ Utilities

Intel X299, LGA2066, 8x DIMM DDR4, 5x PCI-E x16, USB 2.0/3.1, RJ-45, PS/2, ATX, 305x244 mm



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor socket *	LGA 2066 (Socket R4)	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Core™ X-series	PS/2 ports quantity	1
Maximum number of SMP processors	1	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR4-SDRAM	Ethernet interface type	Gigabit Ethernet
Number of memory slots *	8	Features	
Memory slots type	DIMM	Motherboard chipset *	Intel® X299
Memory channels	Quad-channel	Audio chip	Realtek ALC1220
Non-ECC	✓	Audio output channels *	7.1 channels
Supported memory clock speeds	2133,2400,2667 MHz	PC health monitoring	Fan, Temperature, Voltage
Maximum internal memory *	128 GB	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	ATX
Storage controllers		Motherboard chipset family *	Intel
RAID levels	0, 1, 5, 10	Power source type	ATX
Graphics		Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64
Parallel processing technology support *	2-Way CrossFireX, 2-Way SLI, 3-Way CrossFireX, 3-Way SLI, Quad-GPU CrossFireX, Quad-GPU SLI	Harmonized System (HS) code	84733020
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x16 slots	5
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Number of M.2 (M) slots	2
Number of SATA III connectors *	8	BIOS	
S/PDIF out connector	✓	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	128 Mbit
Front panel connector	✓	ACPI version	5.0
ATX Power connector (24-pin)	✓	Clear CMOS jumper	✓
CPU fan connector	✓	Plug and Play	✓
Number of chassis fan connectors	2	Desktop Management Interface (DMI) version	2.7
TPM connector	✓		

Internal I/O		BIOS	
Thunderbolt headers	1	System Management BIOS (SMBIOS) version	2.7
12V power connector	✓		
Rear panel I/O ports		Processor special features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Intel Extreme Memory Profile (XMP)	✓
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Bundled software	Norton Internet Security, cFosSpeed
		Other features	
		Registered	✓



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