

GIGABYTE B660I AORUS PRO DDR4 motherboard Intel B660 LGA 1700 mini ITX

Brand : GIGABYTE

Product code: B660I AORUS PRO DDR4

Product name : B660I AORUS PRO DDR4

- Supports 12th Gen Intel Core Series Processors
 - Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
 - Direct 8+1+1 Phases Digital VRM Solution with 90A SPS
 - Shielded Memory Routing for Better Memory Overclocking
 - Extended MOSFET Heatsink and Multi-Layered PCH M.2 Heatsink, Aluminum Baseplate
 - WIFI 6 802.11ax 2T2R & BT5 with AORUS Antenna
 - Blazing Fast Intel 2.5GbE LAN with Bandwidth Management
 - Ultra-Fast NVMe PCIe 4.0*x4 M.2 with Thermal Guard
 - Rear USB 3.2 Gen 2 Type-C and Front USB 3.2 Gen 1 Type-C for Connecting devices
 - Pre-installed IO Shield for easy and quick installation
 - RGB FUSION 2.0 with Multi-Zone Addressable LED Light Show Design, Support Addressable LED & RGB LED Strips
 - Smart Fan 6 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
 - Q-Flash Plus Update BIOS without Installing the CPU, Memory and Graphics Card
- Intel B660 Express, LGA1700, 2 x DDR4, HDMI, DP, 2.5G LAN, Wi-Fi, M.2, SATA III, USB 3.2, Mini-ITX, 170x170 mm



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	HDMI ports quantity *	1
Maximum number of SMP processors	1	HDMI version	2.1
Memory		DisplayPorts quantity	1
Supported memory types *	DDR4-SDRAM	DisplayPort version	1.2
Number of memory slots *	2	S/PDIF out port	✓
Memory slots type	DIMM	Digital audio optical out	1
ECC compatibility	ECC & Non-ECC	WiFi-AP antenna jack	2
Supported memory clock speeds MHz	2133,2400,2666,2933,3000,3200,3300,3333,3400,3466,3600,3666,3733,3800,3866,4000,4133,4266,4300,4400,4500,4600,4700,4800,4933,5000,5133,5333	Network	
Maximum internal memory *	64 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
RAID support	✓	Bluetooth	✓
RAID levels	0, 1, 5, 10	Bluetooth version	5.2
Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard chipset *	Intel B660
Maximum resolution	4096 x 2160 pixels	Audio output channels *	7.1 channels
HDCP	✓	PC health monitoring	CPU, Fan, Temperature, Voltage
Internal I/O		Component for *	PC
USB 2.0 connectors *	1	Motherboard form factor *	mini ITX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard chipset family *	Intel
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of SATA III connectors *	4	Expansion slots	
Front panel audio connector	✓	PCI Express x16 slots	1
Front panel connector	✓	Number of M.2 (M) slots	1
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of chassis fan connectors	1		

Internal I/O		BIOS	
TPM connector	✓	BIOS type *	UEFI AMI
Serial port headers	1	BIOS memory size	256 Mbit
12V power connector	✓	ACPI version	5.0
RGB LED pin header	✓	Desktop Management Interface (DMI) version	2.7
Rear panel I/O ports		System Management BIOS (SMBIOS) version	2.7
USB 2.0 ports quantity *	2	Logistics data	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Harmonized System (HS) code	84733020
		Weight & dimensions	
		Width	170 mm
		Depth	170 mm
		Height	70 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	1 kg



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