

PRODUCTS



*Accessories shown in the images above are subject to change without notice.

EVGA Z690 DARK KINGPIN, 121-AL-E699-KR, LGA 1700, Intel Z690, PCIe Gen5, SATA 6Gb/s, 2.5Gb/s LAN, WiFi6E/BT5.2, USB 3.2 Gen2x2, M.2, U.2, EATX, Intel Motherboard

P/N: 121-AL-E699-KR

LIMIT 2 PER HOUSEHOLD.

QTY:

MSRP: ~~\$829.00~~

Instant Rebate: ~~-\$430.00~~

\$399.99

ADD TO CART

- Spec
- Manual
- CPU & Memory Support

Where To Buy



Overview

Specs

Awards

Compatibility



EVGA DARK motherboards blaze the trail for other boards to follow, and the Z690 DARK KINGPIN is no exception. The ability to destroy world records is insignificant next to the power of a 21-phase VRM and a 10-layer PCB - capable of driving the most powerful 12th Gen Intel® Core™ processors. With support for 64GB of DDR5 memory at up to 6600MHz (OC), PCIe Gen5, and PCIe Gen4 M.2 NVMe SSDs



EVGA DARK motherboards blaze the trail for other boards to follow, and the Z690 DARK K|NGP|N is no exception. The ability to destroy world records is insignificant next to the power of a 21-phase VRM and a 10-layer PCB – capable of driving the most powerful 12th Gen Intel® Core™ processors. With support for 64GB of DDR5 memory at up to 6600MHz+(OC), PCIe Gen5, and PCIe Gen4 M.2 NVMe SSDs, a new DARK age of overclocking will rise as quickly as new hardware becomes available. The Z690 DARK K|NGP|N is today's choice for the future of overclocking and gaming.

Overview



- | | | | |
|----------------------------------|------------------------------|-----------------------------------|-----------------------------------|
| 1. Intel® LGA 1700 CPU Socket | 6. U.2 Port | 11. Supplemental PCIe 6 Pin Power | 16. Multi-Function POST Indicator |
| 2. 2x DDR5 DIMMs | 7. USB BIOS Update Port | 12. ProBelt Header | 17. BIOS Select Switch |
| 3. PCIe 5.0 x16 (x16/x8) Slot | 8. 21 Phase Digital VRM | 13. PCIe Disable Switches | |
| 4. PCIe 5.0 x16 (x8) Slot | 9. Pump Headers | 14. Slow Mode Switch | |
| 5. 3x 110mm M.2 Gen4 Key-M Slots | 10. 2x ARGB / 2x RGB Headers | 15. Right Angle Power Connectors | |

Discover the Possibilities with 12th Gen Intel® Core™ Processors.

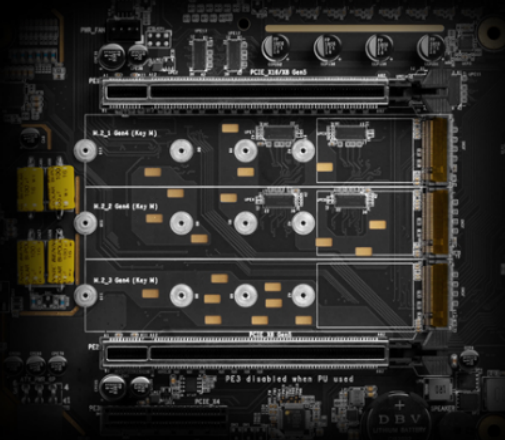
DDR5 6600MHz+(OC) DIMM Support



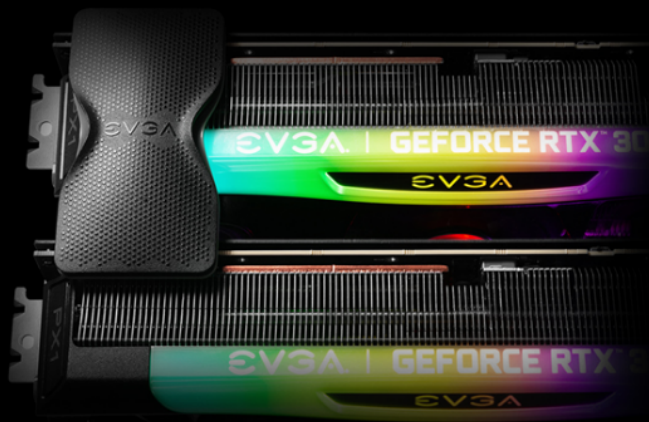
Native PCIe Gen 5.0 x16 Slots and Gen 4.0 M.2 Slot



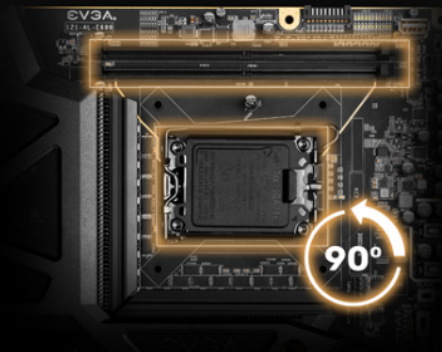
Native PCIe Gen 5.0 x16 Slots and Gen 4.0 M.2 Slot



NVIDIA® SLI® Ready with Metal Reinforced PCIe Slots



DARK K|NGP|N Cooling Solution



90° Rotated CPU Socket and Memory Slots



Twin Fans for ultimate cooling



90° Rotated CPU Socket and Memory Slots

Twin Fans for ultimate cooling

Components



21-Phase Power Design



10 Layers PCB



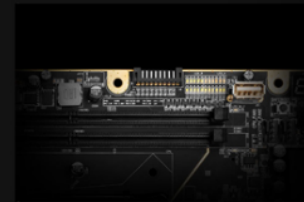
Multi-Function POST Indicator



EVGA Wi-Fi Antenna



Dual Intel® 2.5GbE NICs



Probelit Header

ELEET X1™



Specifications

Supported CPUs - 12th Gen Intel® Core™ Series Desktop Processors
Socket Type - Intel® LGA Socket 1700
Chipset - Intel® Z690
PCIe Slots - 2x PCIe 5.0 x16 (x16/x8, x8), 1x PCIe 3.0 x4 (via PCH)
Memory DIMMs - 2 DIMMs Dual-Channel
Memory Type - DDR5 6000MHz+ (OC)
Memory Capacity - 64GB
SATA 6 Gb/s Ports/Controller - 6x from Intel® Z690
RAID Support - RAID 0, 1, 5, 10
SATA 6 Gb/s Ports/Controller - 2x ASMedia ASM1061
M.2 Key-M Sockets - 3x 110mm PCIe 4.0 (Up to 64Gb/s)
M.2 Key-E Sockets - 1x 32mm
U.2 - 1x U.2 SSD Connector

Internal USB Ports/Headers -

1x USB 2.0 Port (for BIOS updates), 2x USB 2.0 Headers

Key Features

21 Phase Digital VRM
Preinstalled Rear I/O Cover
EVGA Wi-Fi Antenna
PCI Express 5.0 Ready
NVIDIA® SLI® Ready Enthusiast Layout
Supports NVIDIA®Resizable BAR
Metal Reinforced PCIe slots

Dimensions

Width: 10.9in - 277mm
Length: 13in - 305mm





Specifications

Supported CPUs - 12th Gen Intel® Core™ Series Desktop Processors

Socket Type - Intel® LGA Socket 1700

Chipset - Intel® Z690

PCIe Slots - 2x PCIe 5.0 x16 (x16/x8, x8), 1x PCIe 3.0 x4 (via PCH)

Memory DIMMs - 2 DIMMs Dual-Channel

Memory Type - DDR5 6600MHz+ (OC)

Memory Capacity - 64GB

SATA 6 Gb/s Ports/Controller - 6x from Intel® Z690

RAID Support - RAID 0, 1, 5, 10

SATA 6 Gb/s Ports/Controller - 2x ASMedia ASM1061

M.2 Key-M Sockets - 3x 110mm PCIe 4.0 (Up to 64Gb/s)

M.2 Key-E Sockets - 1x 32mm

U.2 - 1x U.2 SSD Connector

Internal USB Ports/Headers -

1x USB 2.0 Port (for BIOS update), 2x USB 2.0 Headers,

1x USB 3.2 Gen1 Header,

1x USB 3.2 Gen2 Type-C Header

Rear I/O USB Ports -

2x USB 3.2 Gen1 Type-A, 4x USB 3.2 Gen2 Type-A

1x USB 3.2 Gen2x2 Type-C

Network Speed - 10/100/1000/2500 Mb/s

Network Controller - Intel® I225-V 2.5 Gigabit NIC

Wi-Fi/BT -

Intel® AX211 Wi-Fi 6E/BT 5.2 module,
preinstalled in the M.2 Key-E 32mm Slot

Audio - 7.1 Channel Realtek ALC1220, EVGA NU Audio

Fan Headers - 2x CPU PWM, 4x PWM/DC, 2x PUMP Headers

RGB Headers - 2x RGB Headers, 2x ARGB Headers

BIOS Type -

Latest UEFI BIOS with mouse/keyboard control,
OC Robot, In-BIOS Stress Test

Software - EVGA ELEET X1™ Tuning Utility

Key Features

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PCI Express 5.0 Ready

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Metal Reinforced PCIe slots

Dimensions

Width: 10.9in - 277mm

Length: 12in - 305mm

Form Factor: E-ATX Form Factor

Accessories

EVGA Quick Installation Guide

M.2 Key-M Thermal Pads

SATA 6Gb/s Data Cables

EVGA Wi-Fi Antenna

ProBelt Cable

Case Badge

M.2 Screw Kit

PCIe Release Assist

USB Flash Drive

+ Contains Drivers and Manual

EVGA Programs

EVGA Product Review

ELITE Member

Associate Program

EVGA Features

Power Meter

EVGA MODS RIGS

EVGA Precision X1

Company

About EVGA

Press Release

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Email Customer Service

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Careers

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EVGA Extended Warranty

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EVGA Advanced

RMA EVGA Step-Up

Get Support

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EVGA Software

Drivers and BIOS

Product Manuals

Product Specs

CPU and Memory Support

Accessibility

Connect



English (US)

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