



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.

## DESIGN DETAILS

### 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** - 2x Intel® i225-V 2.5 Gigabit NICs

### 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 SPECS

- 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: 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



### PRODUCT WARRANTY

This product is covered under EVGA's 3 year limited warranty which covers parts and labor. Further warranty extension is available upon registration within 90 days of purchase. For more details please visit: [www.evga.com/warranty](http://www.evga.com/warranty)





Z690 DARK K|NGP|N

Part No:121-AL-E699-KR

FEATURES

21 PHASE PWM



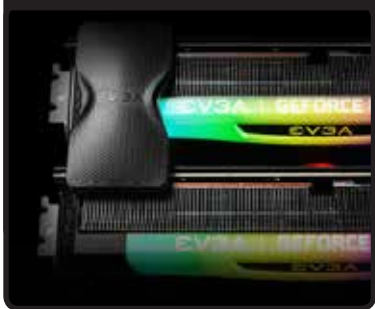
HEATSINK WITH TWIN FANS



RIGHT ANGLE POWER CONNECTORS



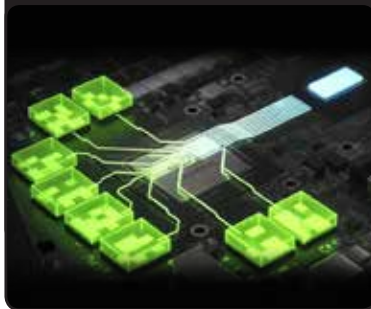
NVIDIA® SLI® READY WITH REINFORCED PCIe SLOTS



PCIe GEN4 M.2 NVME SUPPORT



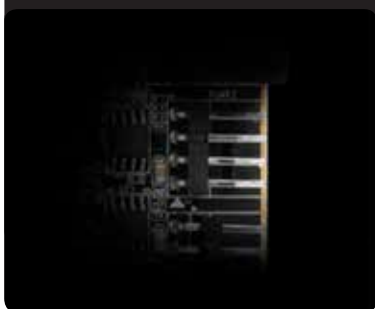
SUPPORTS NVIDIA® RESIZABLE BAR



EVGA WI-FI ANTENNA



DEDICATED PUMP HEADERS FOR AIO SUPPORT



ELEET X1™ TUNING UTILITY



PRODUCT WARRANTY

This product is covered under EVGA's 3 year limited warranty which covers parts and labor. Further warranty extension is available upon registration within 90 days of purchase. For more details please visit: [www.evga.com/warranty](http://www.evga.com/warranty)

