



# Z690 CLASSIFIED

Part No:121-AL-E698-KR

## INTRODUCTION



The EVGA Z690 CLASSIFIED is the latest addition to EVGA’s most-respected line of motherboards. This motherboard fully supports the latest 12th Gen Intel® Core™ Series Processors and takes full advantage of PCIe Gen5 and PCIe Gen4 M.2 NVMe SSDs. The EVGA Z690 CLASSIFIED provides unbeatable power, performance and stability via a 19-phase VRM and 10-layer PCB. Moreover, this board supports up to 128GB of DDR5 memory, 2x 2.5Gbps NIC + Wi-Fi 6E / BT 5.2, 7.1 HD audio, and multiple USB options. The EVGA Z690 CLASSIFIED is designed for nothing less than the ultimate gaming experience.

## 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** - 4 DIMMs Dual-Channel

**Memory Type** - DDR5 6400MHz+ (OC)

**Memory Capacity** - 128GB

**SATA 6 Gb/s Ports/Controller** - 8 from Intel® Z690

**RAID Support** - RAID 0, 1, 5, 10

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

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

### 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-

6x USB 3.2 Gen2 Type-A, 2x USB 3.2 Gen2x2 Type-C

**Network Speed** - 10/100/1000/2.5Gbps

**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 1220, EVGA NU Audio

**Display Output** - DP 1.4, HDMI 2.0

**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

19 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

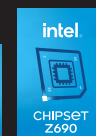
## ACCESSORIES

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  
USB Flash Drive  
+ Contains Drivers and Manual



### PRODUCT WARRANTY

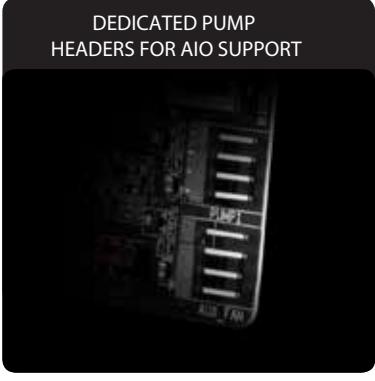
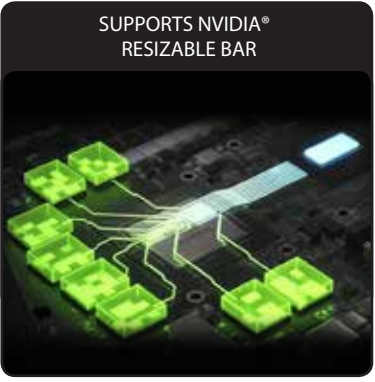
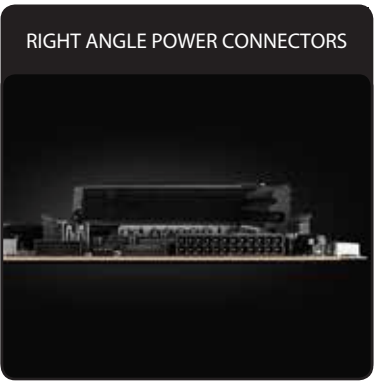
This product is covered under EVGA’s 3 year limited warranty which covers parts and labor. Further warranty extension is available upon registration within 90 days of purchase. For more details please visit: [www.evga.com/warranty](http://www.evga.com/warranty)



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## FEATURES



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