**INTRODUCTION**

The EVGA Z270 CLASSIFIED K improves upon the dominant Z170 Classified K and adds the latest features for hardcore gamers and overclockers. Featuring the next-gen Intel® Z270 Express Chipset, this motherboard is built to crush the competition...and then some. The Z270 Classified K’s storage options keeps your data blazing fast on the latest SSD standards, including M.2, U.2 and is Intel® Optane™ Memory Ready.

The Built-in Killer™ E2500 NIC prioritizes and reduces latency to keep you at the top of your game from the first match to the last. With the Creative Sound Core3D audio, even if you cannot see your opponents coming you’ll certainly be able to hear them. Finally, no Classified board would be complete without a newly-designed VRM and hardware design built for cutting-edge performance and overclockability.

**DIMENSIONS**

- **Width:** 10.375in – 263.5mm
- **Length:** 12in – 304.8mm
- **Form Factor:** E-ATX

**ACCESSORIES**

- EVGA Driver Installation Disc with EVGA E-LEET
- Rear Case I/O Panel
- Rear Case I/O Cover
- 2 SATA 6G Data Cables
- 2-way SLI Bridge
- Enthusiast Stickers
- Case Badge
- Manual

**KEY SPECS**

- Supports Intel® Core™ 7th Generation Processor Family for LGA 1151 socket
- 300% Increased Gold Content
- Intel® Z270 Chipset
- Enthusiast Layout Supporting 2-Way SLI® + PhysX®
- 4 DIMM Dual-Channel DDR4 3600MHz+ (Up To 64GB)
- PCI Express® 3.0 Ready
- 2 USB 2.0 Ports (from single internal header)
- 8 USB 3.0 Ports (4 rear panel, 4 from 2 internal headers)
- 2 USB 3.1 Ports (Type-A/Type-C)
- Intel® Optane Support
- 1 HDMI 1.4 Port
- 1 DisplayPort 1.2 Port
- 8 SATA (2 SATA Express)
- 2 M.2 Key-M 80mm/110mm (Up to 32Gbps)
- 1 M.2 Key-E 32mm
- 1 U.2 Port
- 1x Killer™ E2500 NIC
- EATX Form Factor

**DESIGN DETAILS**

**Supported CPUs** -
- Intel® 7th Generation Socket 1151 Processors

**Socket Type** - LGA 1151

**PCH** - Intel® Z270

**DIMM QTY** - 4 Single Latch DIMM Slots

**Memory Type** - Dual Channel DDR4 Up to 3600MHz+

**Memory Capacity** - 64GB (4x16)

**SATA 6.0Gb/s Ports/Controller** -
- 4 / Intel® Z270 PCH - 4 / Marvell 9235
- SATA Express - 2 / Intel® Z270 PCH (Shared with SATA)

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

**USB 2.0 Ports/Controller** -
- 2 (from internal header) / Intel® Z270 PCH
- USB 3.0 Ports/Controller -
- 8 (4 from 2 internal headers) / Intel® Z270 PCH

**USB 3.1 Ports/Controller** -
- 2 (1 Type-A, 1 Type-C) / Intel® Z270 PCH

**BIOS Type** - Full UEFI with mouse/keyboard control

**Software** - EVGA E-LEET X Tuning Utility

**Fan Headers** - 7 - 4-Pin (3 PWM, 4 DC/PWM)
**FULL UEFI GUI BIOS INTERFACE**
Focused on functionality

**E-LEET TUNING UTILITY**
Adjust your overclocking in OS

**INCLUDES U.2 SUPPORT**
Next Gen Interface

**TRIPLE BIOS SUPPORT**
Use 3 separate profiles!

**13 PHASE PWM**
Cleanest variable power switching

**HIGHER GOLD CONTENT**
Lower inductance, better power delivery!

**ONBOARD CPU TEMP MONITOR**
Monitor CPU temps quickly and easily

**PASSIVE CHIPSET HEATSINK**
No fans, lower noise, longer lifespan

**6 LAYER PCB**
Improved overclock stability and PCB cooling

**KILLER E2500 NIC**
Helps to prioritize & reduce network latency

**ONBOARD POWER / RESET**
CMOS Reset Buttons at your fingertips.

**2-WAY SLI + PhysX**
Able to handle the most demanding videos.

**USB 3.1**
Connect the latest peripherals and devices.

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**PRODUCT WARRANTY**
This product is covered under EVGA’s 3 year warranty which covers parts and labor. Further warranty extension is available upon registration within 30 days of purchase. For more details please visit: [www.evga.com/warranty](http://www.evga.com/warranty).