



# Z370 Classified K

Part No: **134-KS-E379-KR**

## INTRODUCTION



The EVGA Z370 Classified K packs the power, performance, and stability of EVGA's storied motherboards into a convenient ATX form factor. Featuring the next-gen Intel® Z370 Express Chipset and Intel's 8th Gen. CPUs, this motherboard is engineered to defy the expectations of the mainstream motherboard media. The Z370 Classified K features a 13 Phase Highly-Efficient Digital VRM to power Intel's 6-Core Coffee Lake-S CPUs. This board also features native HDMI 2.0 and Killer DoubleShot™ Pro, which balances network load to ensure your gaming or streaming goes uninterrupted. Connect all your peripherals with 8 USB 3.0, 4 USB 2.0, USB 3.1 Type-A/Type-C connectors, and fast charge your USB devices via an internal USB 3.1 header. Make use of three M.2 slots on the board to keep your data blazing fast with NVMe SSDs or Intel Optane devices, and experience high-fidelity sound with Creative Sound Core3D 5.1 Audio. With the EVGA Z370 Classified K in your system, test the boundaries of today's latest technology and be confident to face tomorrow's next big thing.

## DESIGN DETAILS

**Supported CPUs** - Intel® 8th Generation Socket LGA1151 Core i3/i5/i7 Coffee Lake-S Processors

**Socket Type** - Intel® Socket LGA1151

**PCH** - Intel® Z370

**DIMM QTY** - 4 DIMM Dual-Channel

**Memory Type** - DDR4 4133MHz+

**Memory Capacity** - 64GB

**SATA 6.0Gb/s Ports/Controller** - 6 / Intel® Z370 PCH

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

**USB 2.0 Ports/Controller** - 4 Ports (4 from internal header) / Intel® Z370 PCH

**USB 3.0 Ports/Controller** - 8 (2 from internal header) / Intel® Z370 PCH

**USB 3.1 Ports/Controller** - 1x 3.1 Type-A / Type-C (Rear I/O), 1x 3.1 Asmedia ASM3142 Internal Header

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

**Network Ports/Controller** -

2x Killer E2500 NIC w/ DoubleShot™ Pro

**Audio** - Creative Sound Core3D 5.1 Channel HD Audio + Optical

**Audio Controller** - Creative CA0132

**Display Outputs** - HDMI 2.0, DP 1.2

**PCIe Slot Arrangement** - 3 x16 (bottom x4), 3 x1

**PCIe x16 Mechanical Slots** - 3

**M.2 Key-M** - 2x 80mm (Up to 32Gbps)

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

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

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

**Fan Headers** - 6x 4-Pin PWM

**RGB Headers** - 2x

## KEY SPECS

- Supports Intel® Core™ 8th Generation Processor Family for LGA1151 socket
- 150% Increased Gold Content
- Intel® Z370 Chipset
- Enthusiast Layout Supporting 2-Way SLI® + PhysX
- 4 DIMM Dual-Channel up to 64GB 4133MHz+
- PCI Express® 3.0 Ready
- 4 USB 2.0 Ports (4 from internal headers)
- 8 USB 3.0 Ports (6 rear panel, 2 from 1 internal header)
- 2 USB 3.1 Ports (1x Type-A, 1x Type-C)
- 1 USB 3.1 Internal Header for USB Fast Charging
- Intel® Optane Support
- 6 SATA
- 2 M.2 Key-M 80mm up to 32Gbps
- 1 M.2 Key-E 32mm
- 2x Killer E2500 NIC (10/100/1000)
- ATX Form Factor

## DIMENSIONS

- Width: 9.6in - 244mm
- Length: 12in - 305mm
- Form Factor: ATX Form Factor

## ACCESSORIES

- EVGA Driver Installation Disc with EVGA E-LEET X
- Rear Case I/O Panel
- SLI Bridge
- 2 SATA 6G Data Cables
- Thermal Pads
- Case Badge
- 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 30 days of purchase. For more details please visit: [www.evga.com/warranty](http://www.evga.com/warranty).



**FULL UEFI GUI BIOS INTERFACE**  
Focused on functionality

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

**M.2 SLOT**  
Next Generation Form Factor

**13 PHASE PWM**  
Cleanest variable power switching

**REINFORCED PCI-e SLOTS**  
Reinforced for the heaviest of graphics cards

**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

**ONBOARD POWER / RESET**  
Power and Reset Buttons at your fingertips.

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

**KILLER DOUBLESHOT™**  
2x Killer E2500 NICs

**EXTERNAL CLOCK GEN.**  
Improves overclocking stability



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