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
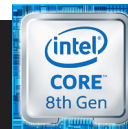• Length: 12in – 305mm
• Form Factor: ATX Form Factor

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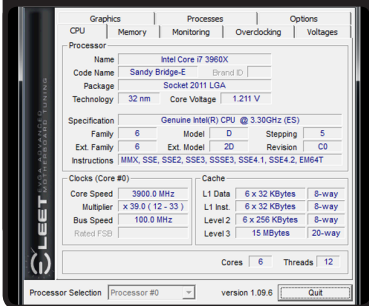
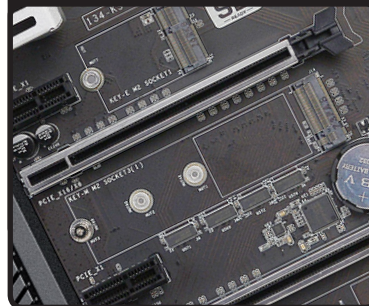### FULL UEFI GUI BIOS INTERFACE
Focused on functionality

E-LEET TUNING UTILITY
Adjust your overclocking in OS
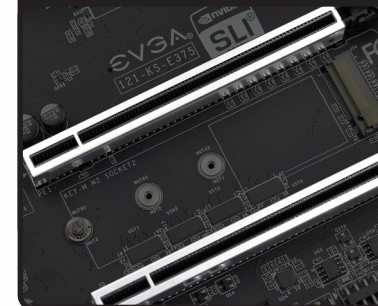
M.2 SLOT
Next Generation Form Factor

13 PHASE PWM
Cleanest variable power switching

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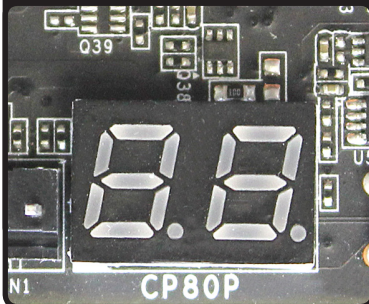Reinforced for the heaviest of graphics cards

HIGHER GOLD CONTENT
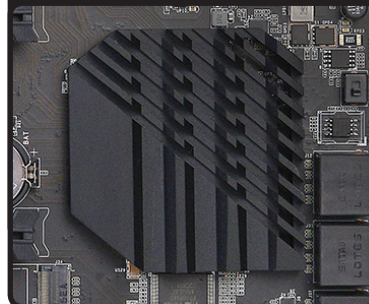Lower inductance, better power delivery!

ONBOARD CPU TEMP MONITOR
Monitor CPU temps quickly and easily

PASSIVE CHIPSET HEATSINK
No fans, lower noise, longer lifespan

6 LAYER PCB
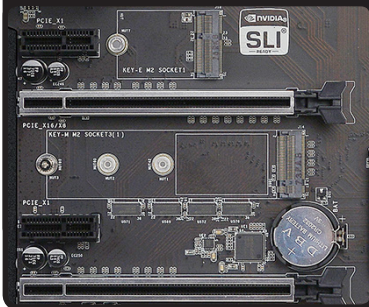Improved overclock stability and PCB cooling

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

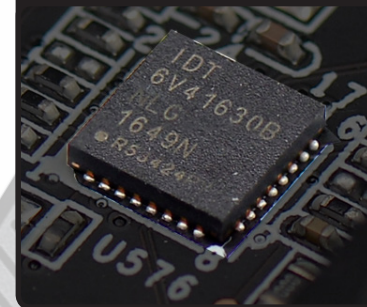### 2-Way SLI + PhysX
Able to handle the most demanding videos.

KILLER DOUBLESHOT™
2x Killer E2500 NICs

EXTERNAL CLOCK GEN.
Improves overclocking stability

EVGA WARRANTY · SATISFACTION

intel CHIPSET Z370 inside™ · intel CORE™ 8th Gen · intel OPTANE MEMORY READY · KILLER ETHERNET E2500 · Sound CORE3D · HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE