USB 3 & SATA 3/6G

EVGA Z68 FTW

Intel® Z68 Express Chipset Based
Designed for Intel® Socket 1155 Processors

The EVGA Z68 motherboards have arrived! These motherboards based on the latest Intel® Express Chipset offer incredible performance and overclocking with Sandy Bridge 2nd Generation Intel® Core™ i3, Core™ i5 and Core™ i7 processors, and with the new Intel Smart Response Technology, users can combine a Solid State Drive with a traditional mechanical drive and receive both high performance and high storage capacity! Intel® Smart Response Technology implements a storage I/O caching system to provide users with faster response times for frequently used applications.

The entire EVGA Z68 lineup has full support for SATA III/6G and USB 3.0 giving you the latest standards in high performance storage, and a forward thinking true next generation motherboard layout allows you to **take control!**

KEY SPECS

- Supports Sandy Bridge 2nd Generation Intel® Core™ i3, i5 and i7 Socket 1155 Processors
- Intel® Z68 Chipset
- Enthusiast Layout Supporting 2-way, 3-way SLI® plus PhysX® or CrossFireX™
- 4 DIMM Dual-Channel DDR3 2133Mhz+ (up to 16GB)
- 6 PCI Express 2.0 Graphics Expansion Slots
- 10 USB 2.0 Ports (six rear panel, four onboard)

- 4 USB 3.0 Ports (two rear panel + two on Board)
- 2 SATA III/6G Ports
- 4 SATA II/3G Ports (2 E-SATA)
- Support for SSD Caching
- 2 1394 Ports (firewire, one rear panel, one onboard)
- 2 Gigabit Ethernet Ports (10/100/1000)
- 8 Channel High Definition Audio
- EATX Form Factor

12 Phase PWM -
Pulse Width Modulator Cleanest possible variable power switching

EVGA E-LEET Tuning Utility -
Enthusiast software for adjusting overclocking in O.S.

More Gold Content -
Higher Gold content in CPU pins, lower inductance, better power delivery!

DIMENSIONS

- Width: 10.375in – 263.5mm
- Length: 12in – 304.8mm
- Form Factor: EATX

100% Solid State Capacitors -
Higher quality, longer lifespan

EVGA EZ Voltage read points -
Easily read voltage levels with dedicated read points

Triple BIOS Support -
Always have a backup, compare BIOS versions or use 3 separate profiles!

ACCESSORIES

- EVGA Driver Installation Disc with EVGA E-LEET
- Rear Case I/O Panel
- 2 SATA 3G Data Cables
- 2 SATA 6G Data Cables
- 2 SATA Power Adapters
- 2 Port USB / 1394 Firewire Port Bracket
- I/O Fan
- Front Panel ECP (Optional)
- EVGauge (Optional)
- 2 Port USB 3.0 Bracket
- 2-way SLI Bridge
- 3-way SLI Bridge
- Visual Installation Guide
- Manual

Bonus Storage -
Integrated Flash Storage Use as storage, swap file, anything

Onboard Clear CMOS, Power, and Reset Buttons -
System essentials at the touch of a button

Passive chipset heatsink -
No fans, lower noise, longer lifespan

PCI-E Disable Jumpers -
Quickly and easily troubleshoot!

Onboard CPU Temperature Monitor -
Monitor your CPU temps quickly and easily

EVGA ECP V4 Support -
Overclock and debug your PC on an external adapter!

intel® CHIPSET Z68 inside™

intel® inside™ CORE™ i7

intel® inside™ CORE™ i5

intel® inside™ CORE™ i3

NVIDIA. SLI READY

Supported CPUs - Sandy Bridge 2nd Generation
Intel® Core™ i3, Core™ i5 and Core™ i7 Socket 1155
Socket Type - LGA1155

PCH - Intel® Z68

DIMM QTY - 4 DIMM Slots
Memory Type - DDR3 800/1066/1333/1600/1866/2133MHz+
Memory Capacity - 16GB

SATA II 3.0Gb/s Ports/Controller - 4 / Z68 PCH
SATA III 6.0Gb/s Ports/Controller - 2 / Z68 PCH
E-SATA - 2 / Marvell 88SE6121
RAID Support - RAID 0, 1, 5, 10, JBOD

USB 2.0 Ports/Controller - 10 / Intel® Z68 PCH
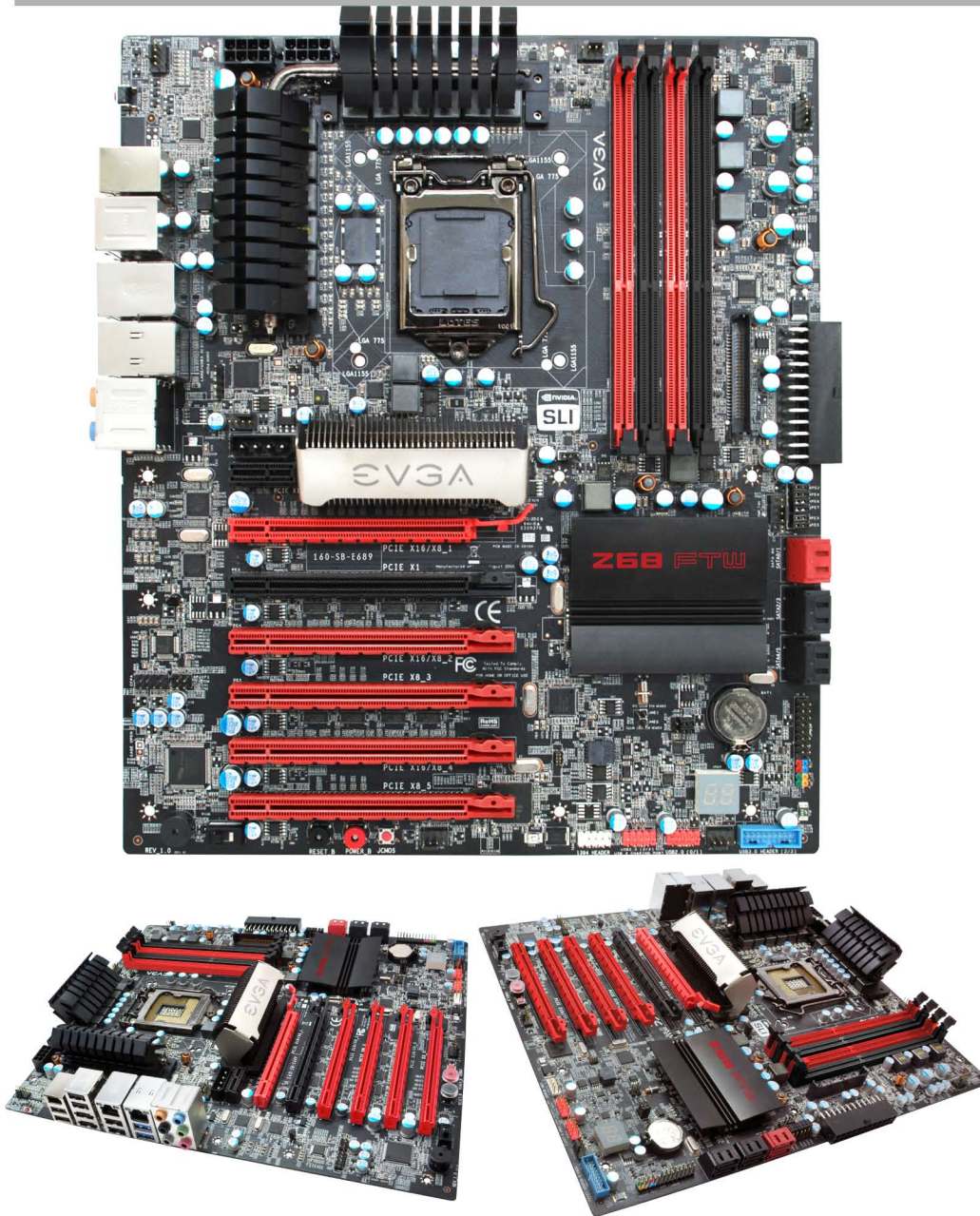**USB 3.0 Ports/Controller -** 4 / VLI VL800-Q8

Network Speed - 10/100/1000
Network Ports/Controller - 2 / Marvell 88E8057

Audio - 8 Channel HD Audio
Audio Controller - Realtek ALC889

PCI-E Slot Arrangement - 1x16 or 5x8
PCI-E x16 Mechanical Slots - 6
PCI-E x1 Slots - 2

BIOS Type - AMI / UEFI
Software - EVGA E-LEET Tuning Utility

Fan Headers - 7