The EVGA Z170 FTW motherboard is engineered to win. Designed for next generation hardware, the EVGA Z170 FTW features a new BIOS GUI interface designed to be fast and have the best overclocking support and functionality. A highly efficient VRM provides the cleanest power to the CPU possible, fed through a CPU socket that has 1.5X the amount of gold content for improved signal quality. A total of 4 DIMM slots support up to 64GB of DDR4 memory and the PCI Express® layout is optimized for improved lane distribution and better performance with native support for NVIDIA SLI® Technology.

**KEY SPECS**

- Supports Intel Core 6th Generation Processor
- Family for LGA Socket 1151
- 150% Increased Gold Content
- Intel® Z170 Chipset
- Enthusiast Layout Supporting 2-Way SLI® + PhysX®
- 4 DIMM Dual-Channel DDR4 3200MHz+ (64GB)
- PCI Express® 3.0 Ready
- 2 USB 2.0 Ports (two rear panel)
- 8 USB 3.0 Ports (six rear panel, two onboard)
- 1 HDMI Port
- 1 DisplayPort 1.2 Port
- 6 SATA 6G Ports
- 1 M.2 (Key M) Up to 32Gbps
- 1 Intel® Gigabit Ethernet Port (10/100/1000)
- 8 Channel HD Audio
- ATX Form Factor

**DESIGN DETAILS**

- **Supported CPUs** - Intel® 6th Generation Socket 1151 Processors
- **Socket Type** - LGA 1151
- **PCH** - Intel® Z170
- **DIMM QTY** - 4 DIMM Slots
- **Memory Type** - DDR4 Up to 3200MHz+
- **Memory Capacity** - 64GB
- **SATA 6Gb/s Ports/Controller** - 6 / Intel® Z170 PCH
- **RAID Support** - RAID 0, 1, 5 and 10
- **USB 2.0 Ports/Controller** - 2 / Intel® Z170 PCH
- **USB 3.0 Ports/Controller** - 8 / Intel® Z170 PCH
- **Network Speed** - 10/100/1000
- **Network Ports/Controller** - 1 / Intel® i219 Gigabit Ethernet PHY
- **Audio** - 8 Channel HD
- **Audio Controller** - Realtek HD Audio + Optical
- **PCI-E Slot Arrangement** - 1x16, 2x8+1x4+1x1
- **PCI-E x16 Mechanical Slots** - 4
- **PCI-E x4 Mechanical Slots** - 1
- **M.2 / 1x Key M (Up to 32Gbps)**
- **BIOS Type** - Full UEFI with mouse/keyboard control
- **Software** - EVGA E-LEET X Tuning Utility
- **Fan Headers** - 7 / 4-Pin PWM

**DIMENSIONS**

- Width: 9.6in – 243.8mm
- Length: 12in – 304.8mm
- Form Factor: ATX

**ACCESSORIES**

- EVGA Driver Installation Disc
- Rear Case I/O Panel
- Rear Case I/O Cover
- 2 SATA 6G Data Cables
- 2-Way SLI Bridge
- 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
EVGA Z170 FTW

**PART NUMBER:** 140-SS-E177

**FEATURES**

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

- **E-LEET X TUNING UTILITY**
  Adjust your overclocking in O.S.

- **M.2 SLOT**
  Next generation form factor

- **ONBOARD CPU TEMP MONITOR**
  Monitor CPU temps quickly & easily

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

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

- **ONBOARD POWER**
  Reset and CMOS Reset Buttons – Power at your fingertips

- **2-WAY SLI + PHYSX SUPPORT**
  Engineered to handle the most demanding video loads

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

- **6 PHASE PWM**
  Cleanest variable power switching

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