



EVGA welcomes you to the next generation of ground-breaking performance: the X99 FTW-K! The X99 platform redefines high-performance with the introduction of the first ever quad-channel DDR4 architecture fueled by Intel's Haswell-E/Broadwell-E CPU family for up to 128GBs of RAM running at a maximum memory speed of up to 3200MHz+ (OC), all made possible due to the 4-layer memory T-Routing design. The X99 FTW-K is built with an 8-layer Hybrid Black PCB, featuring a CPU socket with 150% higher Gold content powered by an Advanced 8-phase Digital VRM (IR3563B+IR3350), providing industry-leading stability for all your applications.

This board also features a Killer NIC E2400 Ethernet which helps to prioritize and reduce network latency to keep you at the top of your game. Both USB 3.1 Type C and Type A give you the latest standards in high speed USB, and Type C with its new reversible connector means you will always plug in your device right side up.

## DESIGN DETAILS

**Supported CPUs** - Intel® Core™ i7 Socket 2011-3  
**Socket Type** - LGA2011-3

**PCH** - Intel® X99

**DIMM QTY** - 8 DIMM Slots  
**Memory Type** - DDR4 Up to 3200MHz+\*\*  
**Memory Capacity** - 128GB

**SATA III 6.0Gb/s Ports/Controller** - 4 / X99 PCH AHCI  
**SATA III 6.0Gb/s Ports/Controller** - 6 / X99 PCH RAID  
**RAID Support** - RAID 0, 1, 5, 10, JBOD

**USB 2.0 Ports/Controller** - 8 / Intel® X99 PCH  
**USB 3.0 Ports/Controller** - 6 / Intel® X99 PCH  
**USB 3.0 Ports/Controller** - 2 / Asmedia ASM1042A  
 \*PCI-E lane distribution listed **REQUIRES a 40 lane CPU.**

**Network Speed** - 10/100/1000  
**Network Ports/Controller** - 2 / Intel® i218v  
 and 1 / Killer E2400 MAC+PHY

**Audio** - 8 Channel HD Audio  
**Audio Controller** - Realtek ALC1150

**PCI-E Slot Arrangement** - 1x16, 2x16, 3x8 or 4x8\*  
**PCI-E x16 Mechanical Slots** - 5  
**PCI-E x1 Slots** - 1

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

**Fan Headers** - 6

\*\* 2800MHz and 3000MHz modules are officially supported in latest BIOS update.

## KEY SPECS

- Supports Intel® Core™ i7 Processor family for LGA-2011-3 socket
- Intel® X99 Chipset
- Enthusiast Layout Supporting 2-Way SLI®, 3-Way SLI®, 4-Way SLI® & CrossfireXTM
- 8 DIMM Quad-Channel DDR4 3200MHz+\*\* (Up To 128GB)
- PCI Express® 3.0 Ready
- 5 PCI Express® Graphics Expansion Slots
- 1 PCI Express® x1 slot
- 8 USB 2.0 Ports (four rear panel, four onboard)
- 8 USB 3.0 Ports (four rear panel, two onboard)
- 2 USB 3.1 Ports (1 type A and 1 type C on rear panel)
- 6 SATA III/6G RAID Ports
- 4 SATA III/6G AHCI Ports
- 1x Intel and 1x Killer Gigabit Ethernet (10/100/1000)
- 8 Channel High Definition Audio + Optical
- E-ATX Form Factor

## DIMENSIONS

- Width: 10.375in – 264mm
- Length: 12in – 305mm
- Form Factor: E-ATX

## ACCESSORIES

- EVGA Driver Installation Disc with EVGA E-LEET
- Rear Case I/O Panel
- Rear Case I/O Cover
- 1 Probelt Cable
- 2 SATA 6G Data Cables
- 2-way SLI Bridge
- 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](http://www.evga.com/warranty).







# X99 FTW-K

Part No: **151-BE-E097-KR**

## FEATURES

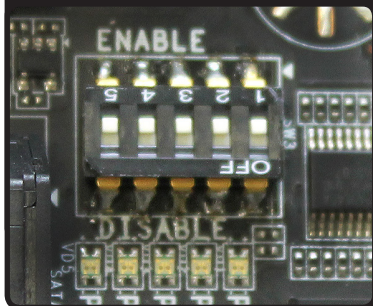
### BRAND NEW GUI BIOS INTERFACE

Focused on functionality



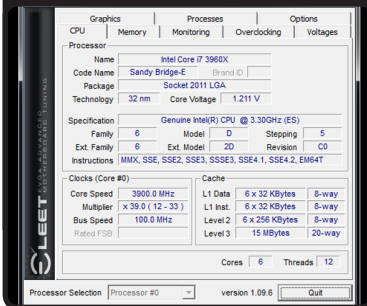
### PCI-E DISABLE SWITCH

Quickly and easily troubleshoot!



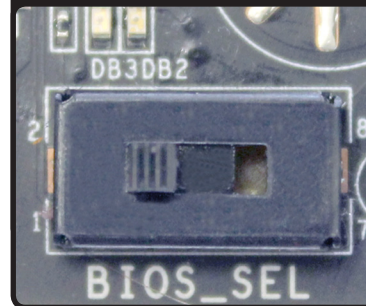
### E-LEET TUNING UTILITY

Adjust your overclocking in OS



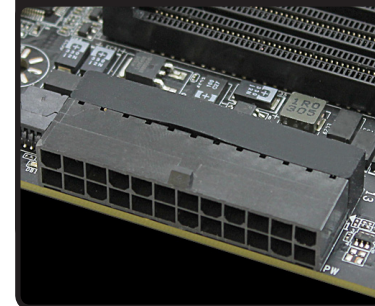
### DUAL BIOS SUPPORT

Use 2 separate profiles!



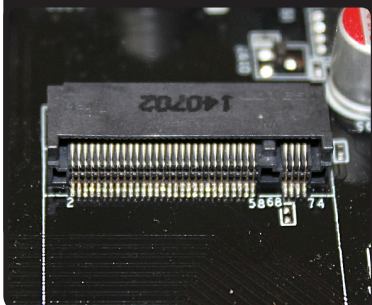
### RIGHT ANGLE 24 PIN

Improved cable management



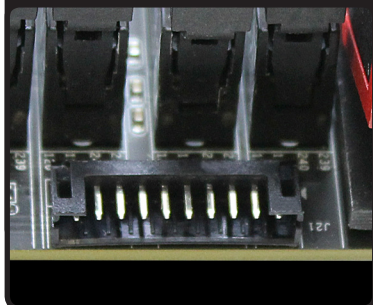
### INCLUDES M.2 SUPPORT

The newest peripheral standard



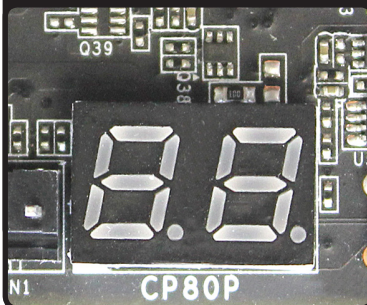
### EZ VOLTAGE READ POINTS

Easy read dedicated read points



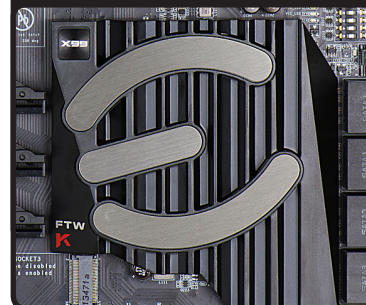
### ONBOARD CPU TEMP MONITOR

Monitor CPU temps quickly and easily



### PASSIVE CHIPSET HEATSINK

No fans, lower noise, longer lifespan



### 8 PIN CPU POWER



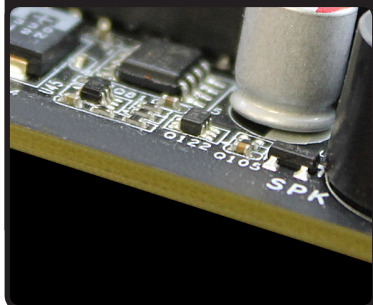
### 8 PHASE PWM

Cleanest variable power switching



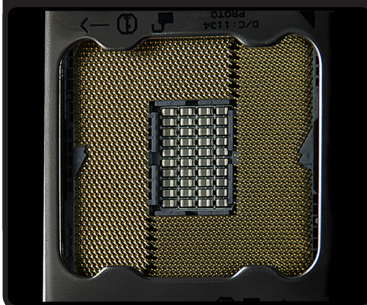
### 8 LAYER PCB

Improved overclock stability and PCB cooling



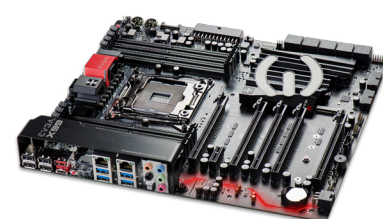
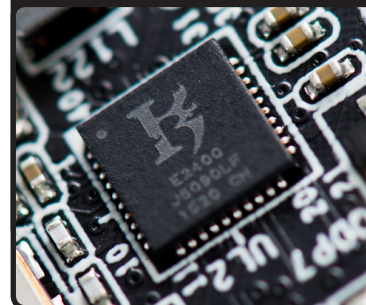
### HIGHER GOLD CONTENT

Lower inductance, better power delivery!



### KILLER E2400 NIC

Helps to prioritize & reduce network latency



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