



X99 FTW-K

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

INTRODUCTION



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.





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FEATURES

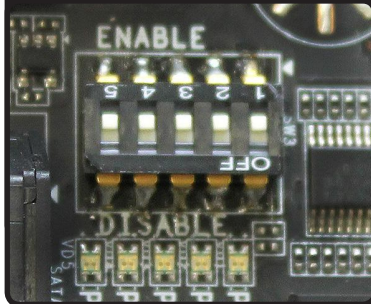
BRAND NEW GUI BIOS INTERFACE

Focused on functionality



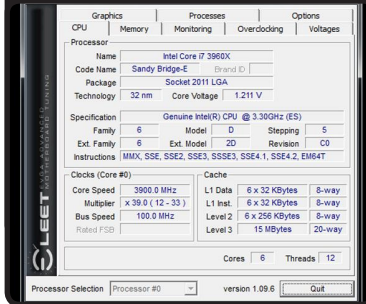
PCI-E DISABLE SWITCH

Quickly and easily troubleshoot!



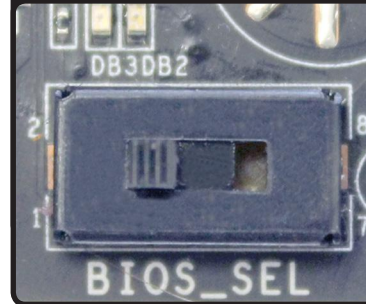
E-LEET TUNING UTILITY

Adjust your overclocking in OS



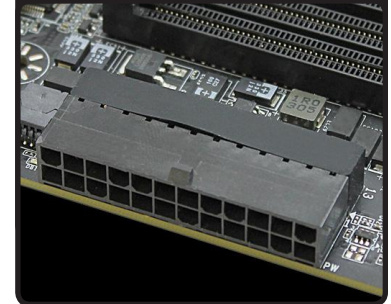
DUAL BIOS SUPPORT

Use 2 separate profiles!



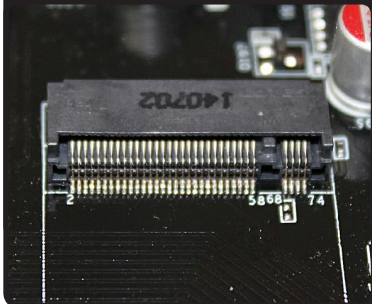
RIGHT ANGLE 24 PIN

Improved cable management



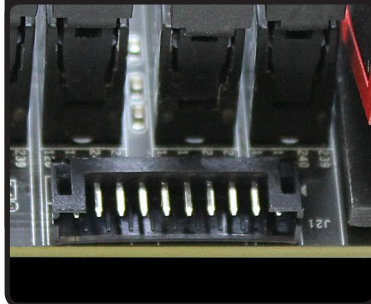
INCLUDES M.2 SUPPORT

The newest peripheral standard



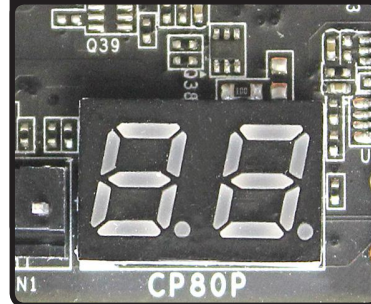
EZ VOLTAGE READ POINTS

Easy read dedicated read points



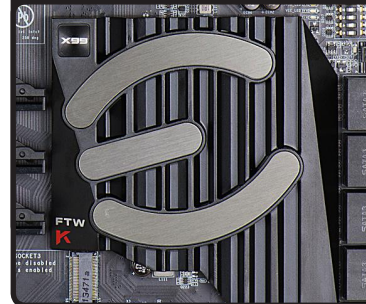
ONBOARD CPU TEMP MONITOR

Monitor CPU temps quickly and easily



PASSIVE CHIPSET HEATSINK

No fans, lower noise, longer lifespan



8 PIN CPU POWER



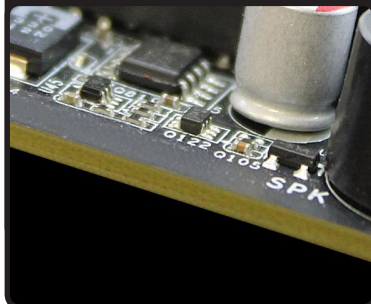
8 PHASE PWM

Cleanest variable power switching



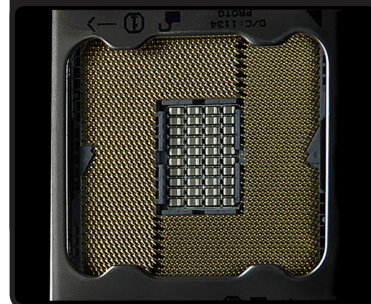
8 LAYER PCB

Improved overclock stability and PCB cooling



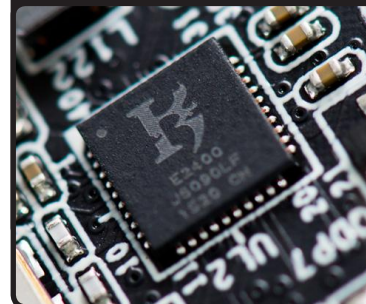
HIGHER GOLD CONTENT

Lower inductance, better power delivery!



KILLER E2400 NIC

Helps to prioritize & reduce network latency



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