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.

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

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
- Power Headers - 6
- ** 2800MHz and 3000MHz modules are officially supported in latest BIOS update.
**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 PHASE PWM**
Cleanest variable power switching

**8 LAYER PCB**
Improved overclock stability and PCB cooling

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

**8 PIN CPU POWER**

**KILLER E2400 NIC**
Helps to prioritize & reduce network latency

**FEATURES**

**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.