

P67 Performance

Intel® P67 Chipset



ASRock
www.asrock.com



Product Brief <<<<

- ASRock DuraCaps (2.5 x longer life time), 100% Japan-made high-quality Conductive Polymer Capacitors
- Advanced V8 Power Phase Design
- Supports Intel® K-Series unlocked CPU
- Supports Dual Channel DDR3 2133(OC)
- 2 x USB 3.0 ports, 1 x Fatal1ty Mouse port (USB 2.0), 2 x SATA3 connectors, 1 x eSATA3 connector
- Supports Fatal1ty XFast USB Technology, Graphical UEFI BIOS
- Supports Fatal1ty F-Stream Tuning Utility, On/OFF Play Technology, Instant Boot, Instant Flash, Good Night LED, APP Charger, SmartView
- Combo Cooler Option (C.C.O.)
- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec)
- Free Bundle : Cyberlink MediaEspresso 6.5 Trial; 1 x 3.5mm Audio Cable

The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.

Detail Specification <<<<

Platform	- ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm - All Solid Capacitor design (100% Japan-made high-quality Conductive Polymer Capacitors)
CPU	- Supports 2 nd Generation Intel® Core™ i7 / i5 / i3 in LGA1155 Package - Advanced V8 + 2 Power Phase Design - Supports Intel® Turbo Boost 2.0 Technology - Supports Intel® K-Series unlocked CPU - Supports Hyper-Threading Technology
Chipset	- Intel® P67
Memory	- Dual Channel DDR3 memory technology - 4 x DDR3 DIMM slots - Supports DDR3 2133(OC)/1866(OC)/1600/1333/1066 non-ECC, un-buffered memory - Max. capacity of system memory: 32GB - Supports Intel® Extreme Memory Profile (XMP)
Expansion Slot	- 1 x PCI Express 2.0 x16 slot - 3 x PCI Express 2.0 x1 slots - 3 x PCI slots
Audio	- 7.1 CH HD Audio with Content Protection (Realtek ALC892 Audio Codec) - Premium Blu-ray audio support
LAN	- PCIE x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111E - Supports Wake-On-LAN - Supports LAN Cable Detection - Supports Energy Efficient Ethernet 802.3az - Supports PXE
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Coaxial SPDIF Out Port - 1 x Optical SPDIF Out Port - 5 x Ready-to-Use USB 2.0 Ports - 1 x Fatal1ty Mouse Port (USB 2.0) - 1 x eSATA3 Connector - 2 x Ready-to-Use USB 3.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - 1 x Clear CMOS Switch with LED - HD Audio Jack: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
SATA3	- 2 x SATA3 6.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 10, RAID 5 and Intel Rapid Storage), NCO, AHCI and "Hot Plug" functions (SATA3_1 connector is shared with eSATA3 port)
USB 3.0	- 2 x USB 3.0 ports by Etron EJ168A, support USB 1.0/2.0/3.0 up to 5Gb/s
Connector	- 4 x SATA2 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 10, RAID 5 and Intel Rapid Storage), NCO, AHCI and Hot Plug functions - 2 x SATA3 6.0 Gb/s connectors - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x IR header - 1 x COM port header - 1 x HDMI_SPDIF header - 1 x Power LED header - CPU/Chassis/Power FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - Front panel audio connector - 3 x USB 2.0 headers (support 6 USB 2.0 ports) - 1 x Dr. Debug with LED
Smart Switch	- 1 x Power Switch with LED - 1 x Reset Switch with LED - 1 x Clear CMOS Switch with LED
BIOS Feature	- 64Mb AMI UEFI Legal BIOS with GUI support - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support - DRAM, PCH, CPU PLL, VTT, VCCSA Voltage Multi-adjustment
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version), Software Suite (CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial)
Unique Feature	- Fatal1ty F-Stream - ASRock Instant Boot - ASRock Instant Flash - ASRock APP Charger - ASRock SmartView - ASRock XFast USB - ASRock On/Off Play Technology - Hybrid Booster: - CPU Frequency Stepless Control - U-COP - Boot Failure Guard (B.F.G.) - Combo Cooler Option (C.C.O.) - Good Night LED
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis/Power Fan Tachometer - CPU/Chassis Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) - CPU/Chassis Fan Multi-Speed Control - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
OS	- Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant
Certifications	- FCC, CE, WHQL - ErP/EuP Ready (ErP/EuP ready power supply is required)
Accessories	- Quick Installation Guide, Support CD, I/O Shield - Floppy/ATA 133 Cables - 4 x SATA Data Cables (Optional) - 1 x 3.5mm Audio Cable (Optional)

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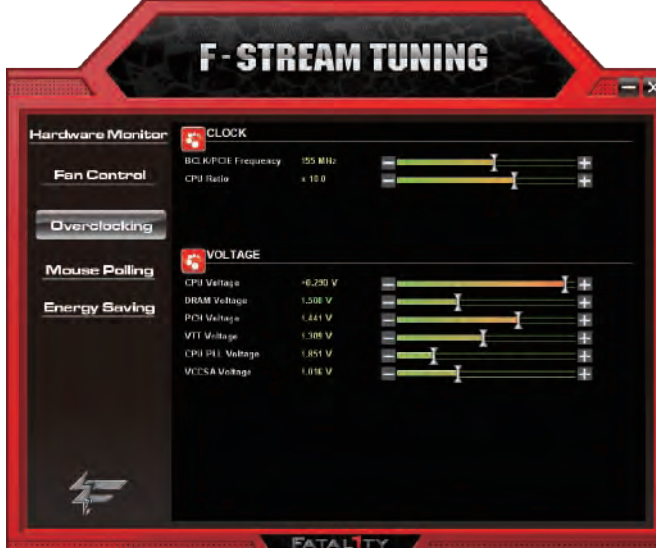


Fatal1ty Mouse Port

Fatal1ty Mouse Port is a customizable technology for PC gamers that is a part of F-Stream. After plugging the USB mouse into the Fatal1ty Mouse Port and running F-Stream, gamers can use Fatal1ty's personal preferred mouse polling rate at 500 Hz. F-Stream also provides the flexibility for gamers to adjust the mouse polling rate from 125 Hz to 1000 Hz. This is helpful for professional gamers to experience smoother gameplay and faster response time to the mouse.



Fatal1ty F-Stream - The All-in-1 Tuning Software



F-Stream Tuning

Hardware Monitor


- CLOCK**
 - BC/K/PCIE Frequency: 100 MHz
 - CPU Ratio: x 10.0
- VOLTAGE**
 - CPU Voltage: 1.250 V
 - DRAM Voltage: 1.500 V
 - PCI Voltage: 1.844 V
 - VTT Voltage: 1.300 V
 - CPU PLL Voltage: 1.851 V
 - VCCSA Voltage: 1.016 V

Fan Control

Overclocking

Mouse Polling

Energy Saving



The Fatal1ty F-Stream tuning program is an all-in-1 software utility that supports overclocking and hardware tuning such as energy usage, H/W monitor, fan speed control and Fatal1ty Mouse Port Configuration. In Hardware Monitor, it shows the major readings of your system. In Fan Control, it shows the fan speed and temperature for you to adjust. In Overclocking, you are allowed to adjust the CPU frequency, ratio and some voltages for optimal system performance. In Mouse Polling, gamers can freely adjust the mouse polling rate. In Energy Saving, the voltage regulator can reduce the number of output phases to improve efficiency when the CPU cores are idle without sacrificing computing performance.

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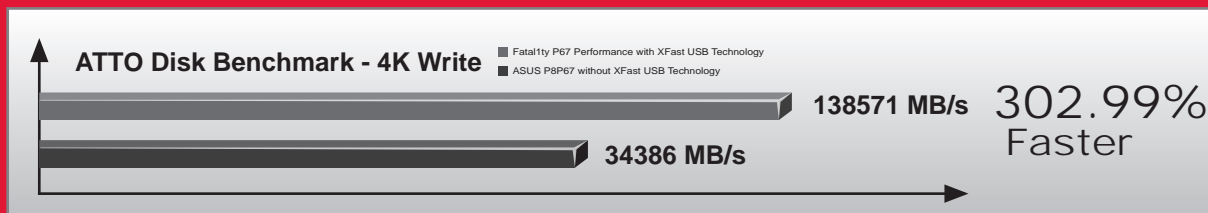
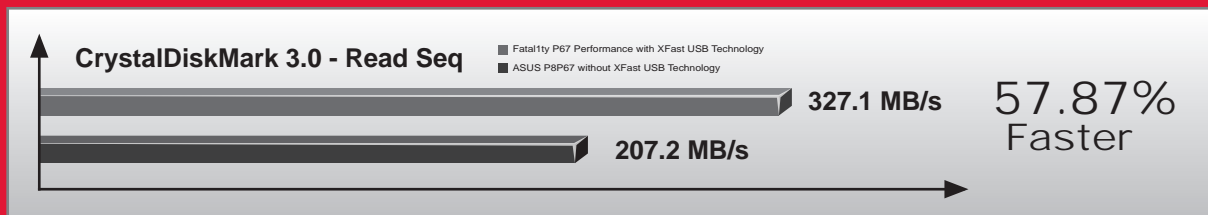
Fatal1ty XFast USB Technology - Faster Than Your Imagination!



(The rear I/O photo is example only)

Fatal1ty XFast USB Technology redefines the new standard in high performance computing. Proving once again to be the pioneer in motherboard industry, Fatal1ty XFast USB Series Motherboards integrate with the latest XFast USB Technology which delivers the world's fastest USB data transfer speed. According to the below graph, it shows that the Fatal1ty XFast USB technology can even boost USB 3.0 performance up to 302.99%!

USB 3.0 Benchmark



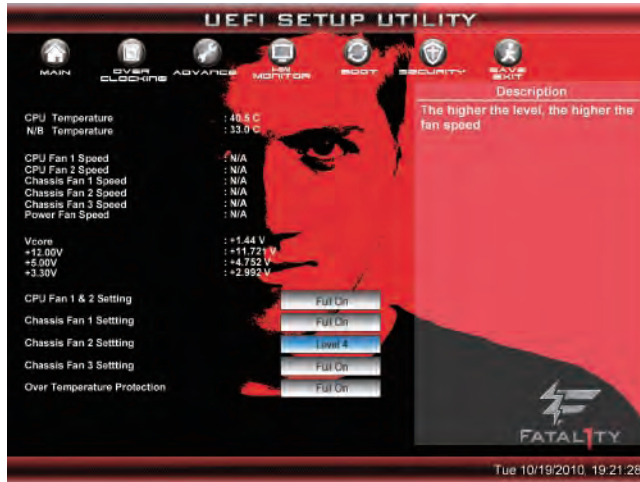
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Graphical UEFI BIOS Interface



*Windows Vista-64bit or Windows 7-64bit OS is required

Unified Extensible Firmware Interface (UEFI) is a revolutionary BIOS utility which offers tweak-friendly options in an advanced viewing interface. Compared with traditional BIOS design, the latest UEFI utility provides lots improved functions. The major features of UEFI include:

1. Graphical Visual Experience – UEFI provides an improved visual interface with colorful icons and makes your computing environment more versatile to replace the traditional dull BIOS page.
2. Mouse Enabling – Besides keyboard control, you can freely use mouse to select your ideal settings in UEFI as well.
3. Supports 3TB bootable HDD* - UEFI breaks the limitations of 2TB bootable HDD on traditional BIOS. With UEFI, you can enjoy 3TB bootable HDD size.

Free Bundle

Cyberlink MediaEspresso 6.5 Trial



CyberLink MediaEspresso 6.5 trial now supports Intel® Quick Sync Video hardware transcoding and is optimized for second generation Core i7, i5, and i3 processors to accelerated conversion of all your favorite media files for your favorite portable players. Now you can easily display your favorite movies, songs and photos on iPhone, iPad, PSP, Xbox, Youtube, Facebook etc. Compile, convert and enjoy images and songs as much as you want and enhance your videos to new levels with TrueTheater Technology. Try it today!

Limitations:

- 30-day trial limitation
- Convert videos to the H.264 format 50 times

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On/Off Play Technology



Free Bundle
3.5mm Audio Cable

Even when the system is power off (in ACPI S5 mode), On/Off Play Technology still allows users to enjoy the great audio experience from the portable audio devices through the PC speaker.

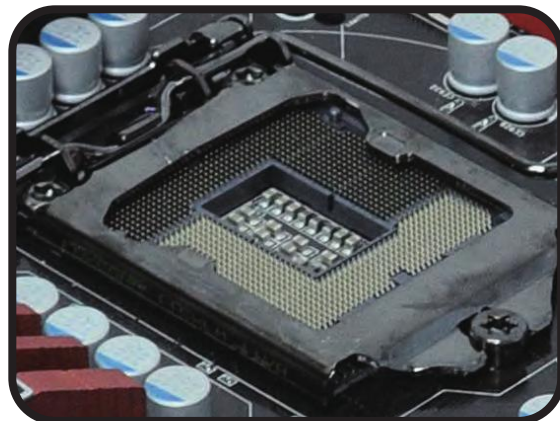
DuraCap

100% Japan-made high-quality
Conductive Polymer Capacitors



Support Intel®

K-Series unlocked CPU



C.C.O.

Combo Cooler Option

C.C.O. provides the flexible option to adopt three different CPU cooler types, Socket LGA 775*, LGA 1155 and LGA 1156**

*C.C.O. may not be compatible with all Socket 775 CPU coolers.
**O is for Socket 1155 and Socket 1156 CPU cooler.

