

**abit Engineered™**

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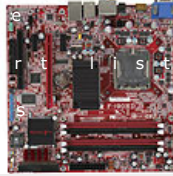
MOTHERBOARD

LGA775

Browse by processor

-- Select One --

Fatal1ty F-190HD



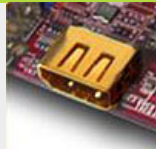
- Supports**
  - LGA 775
  - ATI® RX1250
  - FSB 800/1066
  - HDM™ 1080i
  - PCI-EX16
  - Dual DDR2-800
  - Gigabit Ethernet
  - 7.1 CH HD Audio
  - SATA 3G RAID
  - RoHS Compliancy
- Supports**
  - Intel Core 2 Extreme
  - Intel Core 2 Duo
- GRAPHICS BY**
  - ATI Radeon Xpress 1250
- HDMI**

Product Image



Specifications

**HDMI™** - HDTV in True 1080i Resolution



Set up a fully fledged high definition home theater system with true digital HDTV in 1080i resolution. High Definition gaming offers some of the most thrilling and immersive moments in entertainment today.

**ATI Radeon™ Xpress 1250** - Gaming & Vista Ready Graphics from ATI



The integrated ATI Radeon™ Xpress 1250-based graphics engine provides the 3D rendering power needed to accelerate the Windows Vista™ desktop and delivers a great gaming experience out of the box.

**Avivo™** - ATI Avivo™ Advanced Imaging and Video



The innovative Avivo™ display architecture provides users with visual quality that is second to none. Advanced scaling and color correction capabilities, along with increased precision through the entire display pipeline, ensure an optimal image on CRT monitors, LCD panels, and all other display devices.

**D-sub Connector** - Analog CRT/LCD monitor support



Multiple independent display support for simultaneous use of D-sub connections on CRT/LCD monitors and DVI/HDMI television sets.

**Solid State Capacitors** - For Enhanced Performance and Durability



Solid State Capacitors in the CPU and PWM areas significantly reduce heat and offer the most stable voltage regulation, thereby increasing performance while extending product life, even under the most stressful conditions.

**100% Japanese Caps** - Special PWM Layout with High Quality Components



Special PWM layout ensures a stable current to all parts of the motherboard. 100% Japanese made capacitors surround the PCB for enhanced stability, performance and durability.

**Silent Cooling** - Efficient and Noise Free Operation



North- and South Bridges are cooled separately by **abit Engineered** extra-wide and highly efficient heat sink and heat spreader combinations, creating a totally silent motherboard solution.

Product Information

- [Specifications](#)
- [News](#)
- [Awards](#)

Support Information

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Compatibility Information

- [CPU](#)
- [MEMORY](#)
- [STORAGE](#)
- [USB & IEEE1394](#)
- [VGA CARD](#)
- [PCI CARD](#)
- [POWER SUPPLY SCAN](#)

Optional Wi-Fi Accessories



- **CPU**
  - Supports Intel® Core™2 Duo, Core™2 Quad, Core™2 Extreme, Pentium® D & Pentium®4 Processors with 800/1066 MHz FSB
  - [PWM Designation provides high quality and efficient power](#)
- **Chipset**
  - [ATI Radeon™ Xpress 1250](#)
- **Memory**
  - 4 X 240-pin DIMM sockets support max. memory capacity 8GB
  - Supports [Dual channel DDR2 800/667/533](#) Un-buffered Non-ECC memory
- **LAN**
  - [Gigabit Ethernet](#) controller supports 10/100/1000Mbit LAN connections
- **Audio**
  - 7.1 CH HD Audio CODEC
  - Supports Auto Jack Sensing and optical S/PDIF Out
- **Expansion Slots**
  - 1 x [PCI-E X16](#), 2 x [PCI-E X1](#), 1 x [PCI](#)
- **Internal I/O**
  - 1 x Floppy Port supports up to 2.88 MB
  - 1 x ATA 133/100/66/33 IDE connector
  - 4 x [SATA 3Gb/s connector](#)
  - 3 x USB header (supports 6 additional ports)
  - 1 x FP-Audio
- **Back Panel I/O**
  - 1 x [HDMI™](#) connector
  - 1 x PS/2 Keyboard, 1 x PS/2 Mouse
  - 1 x S/PDIF Out
  - 7.1 CH Audio connector (Front, Line-in, MIC-in, Center/Subwoofer, Surround, Rear Surround)
  - 4 x USB 2.0, 1 x RJ-45 LAN connector
- **Serial ATA**
  - 4 x SATA 3Gb/s with [SATA RAID 0/1/0+1](#)
- **RoHS**
  - 100% lead-free process and [RoHS compliant](#)
- **Accessories**
  - Driver CD x1
  - English Manual x1, Jumper Setting Label x 1
  - IDE cable x1, FDD cable x1, SATA cable x4
  - I/O bracket x1, HDMI to DVI Connector x1
- **Form Factor**
  - mATX form factor 244 x 244mm
  - PCB Color: Red
- **abit Engineered**
  - [100% Japanese Capacitors](#)
  - Low ESR, high ripple, conductive polymer aluminum solid state capacitors in all high frequency areas
  - Silent Cooling

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<a href="#">Model</a>	<a href="#">Logo</a>	<a href="#">Media</a>	<a href="#">Country</a>	<a href="#">Award</a>	<a href="#">Date</a>
<a href="#">Fatal1ty F-190HD</a>		<a href="#">Virtual Hideout</a>	USA	<a href="#">HIFCA Approved</a>	2007/08/02
<a href="#">Fatal1ty F-190HD</a>		<a href="#">X-Tips</a>	HongKong	Editor's Choice	2007/08/01
<a href="#">Fatal1ty F-190HD</a>		Computer (print)	Czech	Editor's Choice	2007/07/01
<a href="#">Fatal1ty F-190HD</a>		<a href="#">PC Lab.pl</a>	Poland	Recommendation	2007/06/01
<a href="#">Fatal1ty F-190HD</a>		<a href="#">Hardware.info</a>	Benelux	<a href="#">Silver Award</a>	2007/05/31
<a href="#">Fatal1ty F-190HD</a>		<a href="#">TweakUP.dk</a>	Denmark	Great Product	2007/05/18
<a href="#">Fatal1ty F-190HD</a>		<a href="#">Overclock3D</a>	USA	Editor's Choice & Value for Money	2007/04/16
<a href="#">Fatal1ty F-190HD</a>		<a href="#">Driver Heaven</a>	USA	Worth Consideration	2007/04/13