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P1-1250-BEFX

XFX exclusive SolidLink Technology replaces wires - which cause wattage loss - with direct pin connections. The result is an extremely efficient high-power PSU. Also, with EasyRail™ Technology, you get one single rail for maximum power and easy set-up.

#### KEY FEATURES

- 80Plus Gold Certified
- Crossfire and SLI Ready
- Haswell Ready
- EasyRail Plus Technology
- Hybrid Fan Control Modes

## 80 Plus **Gold** Certified

Efficient power use ensures you are getting the most out of your PSU.

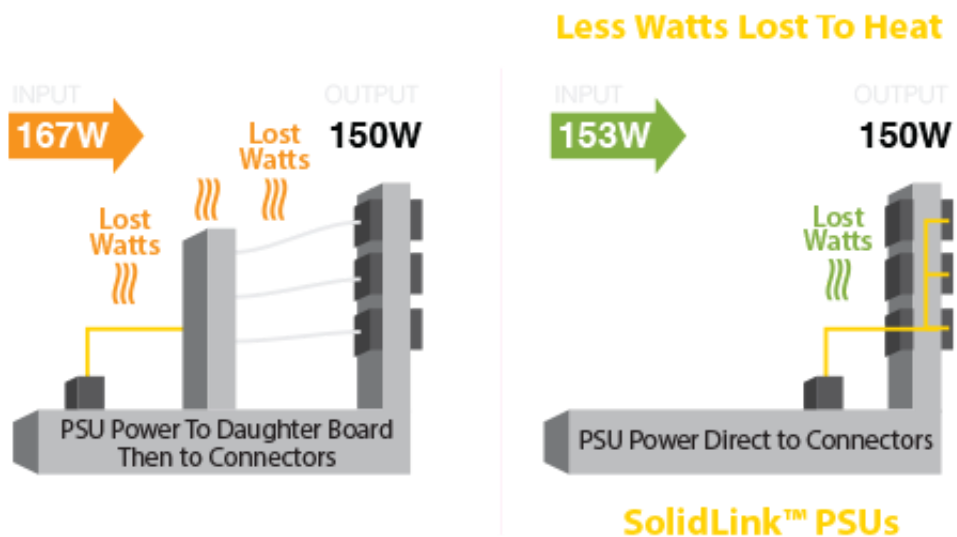
80 Plus Bronze certified means that this XFX PSU has up to 90% power efficiency at typical load. With XFX PSUs, you get nearly every watt you pay for. 80 Plus (trademarked 80 Plus) is voluntary certification program intended to promote efficient energy use in computer power supply units (PSUs).



## XFX Exclusive **SolidLink** Technology

Less Wires. Less Heat

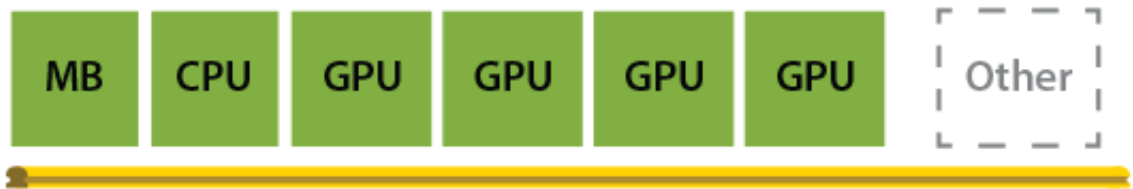
Our New Double Sided PCB and SolidLink design drastically reduce the wires inside the PSU which improves efficiency. Other PSUs have numerous wired internal components, which generate heat, wasting energy and decreasing efficiency.



# XFEX Exclusive **EasyRail Plus** Technology

Smart power design ensures easy installation and maximum power.

Simplest and most powerful PSU design allowing you to handle your many devices without worry. No matter what combination of devices and components you have, our PSUs have plenty of power to handle all your needs. Whether we are using Single or Multi rail design, it will always function the same way, easy and simple.



**No matter what combination, you've got plenty of power.**

## XFEX PSUs Are **Haswell** Ready

Compatible with Intel's 4th Generation Core Processors (code named Haswell).

Among other improvements of Intel's latest Core Processors, power consumption in idle mode has been greatly reduced from around 6W to less than 1W. This might cause some older power supplies to shut the system off when the CPU enters idle mode, or prevent the system from waking up out of sleep mode. XFEX Haswell Ready PSUs are designed to prevent this problem from occurring to ensure your system is always functioning properly.

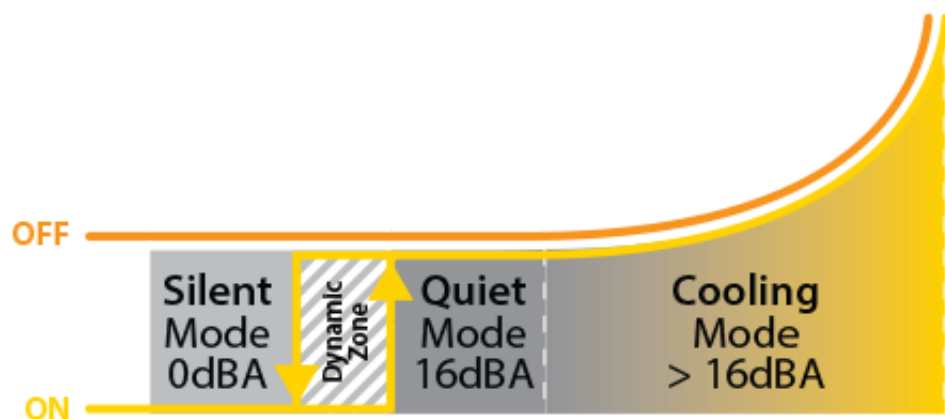
# HASWELL

## INTEL 4TH GEN CORE PROCESSOR

### XFEX Exclusive **Total Thermal System** Design

Features Hybrid Fan Mode, Ultra Quiet Fluid Dynamic Bearing Fans, and Auto sensing Dynamic Fan Control

TTS features our hybrid mode, which when activated, allows the PSU to operate silently until it reaches 25% load or 25°C. Our fluid Dynamic Bearing Fan lower noise consistently over long periods of operation and lastly our new digital IC extends fan life by adapting accurate detection and eliminating unnecessary fan rotations when turning on/off.



# AMD **Crossfire** and NVIDIA **SLI** Ready

Designed to support multiple GPUs systems

XFX PSUs are designed and tested to be compatible and optimized for multi GPU builds. Whether it is an AMD Crossfire setup or an NVIDIA SLI setup, we have the power design to handle all your needs.

**RADEON  
CROSSFIRE**



## XFx Exclusive **5 Year Warranty**

XFx offers a top of it's class 5 Year Warranty on all PSUs.

Our back to back limited warranty covers your PSU purchase for up to 5 Years ensuring that you'll have the support and service you need if you should ever have problems with your PSU both mechanically and technically. It is one of the longest warranties in the industry and back by XFX's best in class service quality.



XFEX exclusive SolidLink Technology replaces wires - which cause wattage loss - with direct pin connections. The result is an extremely efficient high-power PSU. Also, with EasyRail Technology, you get one single rail for maximum power and easy set-up.

The Wattage you see isn't always the wattage you get.

Some brands tweak tests to get great wattage ratings, but in reality, they deliver much lower max wattages. Don't be fooled by wattage tricks. Below are examples of how we guarantee our wattage.

## Continuous Power

Wattage and heat go hand-in-hand. Other PSUs claim a certain wattage by using unrealistic testing environments like 25°C, but in real settings, they might reach much lower wattages. XFX PSUs guarantee the advertised wattage, even at well above standard operating conditions at 50°C.

## Clean Power

Power drawn from your AC outlet is typically dirty with voltage spikes and fluctuations, which can harm vital PC components. XFX PSUs are designed to deliver tight DC voltage regulation with minimal AC ripple, giving you safer, cleaner power.

## Efficient Power Use

80 Plus Gold certified means that this XFX PSU has a power efficiency of up to 90%. Compare that to non-certified PSUs, which lose at least 20% of power drawn. With the XFX PSU, get every watt you pay for.

## Extreme Heat Tested Capacitors

Internal PC operating temperature is around 35°C but the internal PSU temperature can be much higher. XFX uses all high-quality Japanese brand capacitors rated to withstand up to 105°C. While some competitors claim to use Japanese capacitors, they may only be rated for 85°C, which can shorten the usable life of a PSU.

## Automatic Protection Sensors

All XFX PSUs come with automatic output protection systems to protect you and your computer. This includes Total Power Protection (OPP), Over Voltage Protection (OVP), Over Current Protection (OCP) and Short Circuit Protection (SCP)

- Compatible with Intel Core i3, i5, i7 and AMD Phenom, FX
- DC to DC Converter Design
- Conductive Polymer Aluminum Solid Electrolytic Capacitors
- Active Power Factor Correction [99% PF Typical]
- High +12V Output
- Ultra Ventilation [Grid Structure]
- Multi-GPU Technologies Supported
- All-in-One DC Cabling Design
- Universal AC Input [Full Range]
- 5 Year Limited Warranty

### GENERAL

+12V Rail Outputs : Multi-rail

ATX12V 2.2 & ESP12V 2.91 Compliant : Yes

Maximum Wattage (W) : 1250W

Modular Cables : Yes

Performance Category : Black

### TECHNOLOGIES

CrossFire Ready : Yes

SLI Ready : Yes

### RATINGS & EFFICIENCY

AC Input Current (Arms) : 15-7.5 (Maximum)

AC Input Frequency (Hz) : 47-63

AC Input Voltage (Vac) : 90-264

Active Power Factor Correction (PFC) : Yes

DC Output Voltage Regulation : TBA

#### OTHER FEATURES

DC to DC Converters (+3.3 & +5V) : Yes

Dual Magnetic Amplifier Circuit (+3.3 & +5V) : No

EZ Grip Connectors : Yes

Gold Plated Connectors : No

High Quality Schottky Diodes : No

High Reliable 105°C Japanese Capacitors : Yes

Solid State Capacitors : Yes

Tight voltage regulation ( $\pm 5\%$ ) : Yes

#### LOAD RANGE

-12V (mW) : TBA

+12V1 (mW) : TBA

+3.3V (mV) : TBA

+5V (mV) : TBA

+5VSB (mV) : TBA

Max -12V Output Current (A) : 0.5

Max -12V Power (W) : 6

Max +12V1 Output Current (A) : 104

Max +12V1 Power (W) : 1248

Max +3.3V & +5V Combined Power (W) : 150

Max +3.3V Output Current (A) : 25

Max +5V Output Current (A) : 25

Max +5VSB Output Current (A) : 3

Max +5VSB Power (W) : 15

Wattage(W) : 1250W

#### CABLE CONNECTORS

Modular 6+2-pin PCI-E : 8

Modular ATX12V / EPS12V : One 4+4-pin, One EPS 12V 8-pin

Modular FDD : Up to 2 Connectors (Y Connector)

Modular Motherboard Connector : 20+4-pin

Modular Peripheral : Up to 8 Connectors

Modular SATA : Up to 11 Connectors

#### SAFETY & PROTECTION

Over Current Protection (OCP) : Yes

Over Power Protection (OPP) : Yes



Over Temperature Protection (OTP) : Yes

Over Voltage Protection (OVP) : Yes

Short Circuit Protection (SCP) : Yes

Under Voltage Protection (UVP) : Yes

## PHYSICAL

Cooling Fan Size (mm) : 135

Intake Fan: Airflow (CFM/min) : 94.8

Intake Fan: Diameter (mm) : 135 x 135 x 25 mm

Master Carton Dimensions (cm) : 43.0 x 29.5 x 34.0

Master Carton Dimensions (inch) : 16.93 x 11.60 x 13.39

Master Carton Weight (Kg) : 18.62 est.

Master Carton Weight (lb) : 41.05 est.

Package Dimensions (cm) : 32.3 x 21.1 x 14.2

Package Dimensions (inch) : 12.7 x 8.31 x 5.59

Package Weight (Kg) : 5.0 est.

Package Weight (lb) : 11.02 est.

Product Dimensions (cm) : 17 x 15 x 8.6

Units per Carton : 4

## CERTIFICATIONS & STANDARDS

C-tick : Yes

CB : Yes

CCC : TBA

CUL : Yes

FCC Class B : Yes

TUV : Yes

UL : Yes



