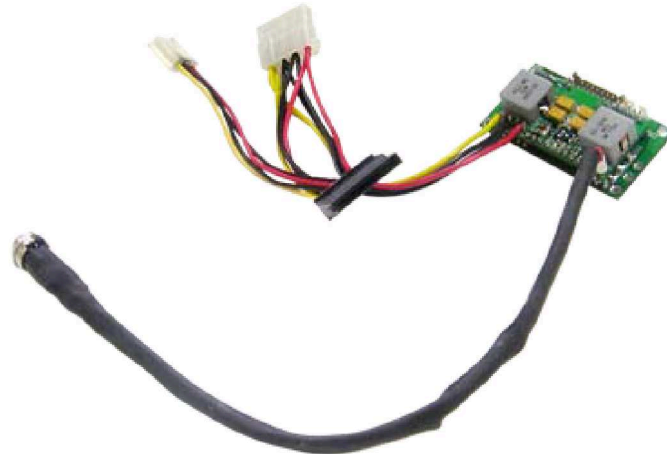


# IX-87

## 90/120W ITX Switching Power Supply

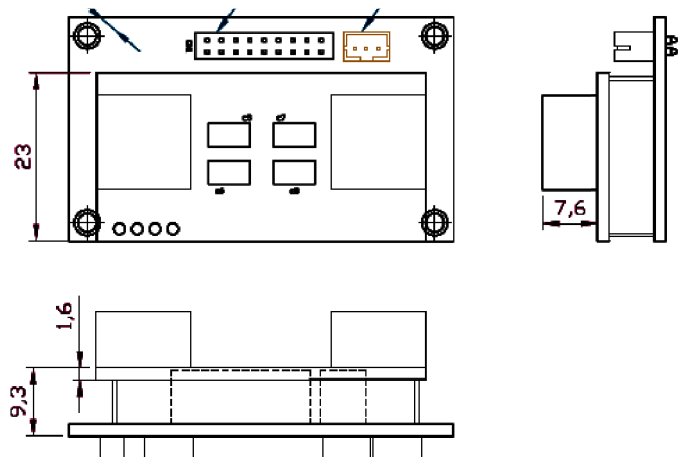


### INTRODUCTION

IX-87 ITX DC-DC switching power supply is ultra compact and high efficiency. Up to 92% efficiency, and maximum of 120 watts supports VIA, AMD, INTEL embedded, mobile, and core duo processors. High compatibility to mini-ITX, nano-ITX, and pico-ITX motherboard provide solution to mobile PC, medical, aviation, industrial PC, and military applications. iStarUSA provides OEM/ODM solutions for wide variety of industries.

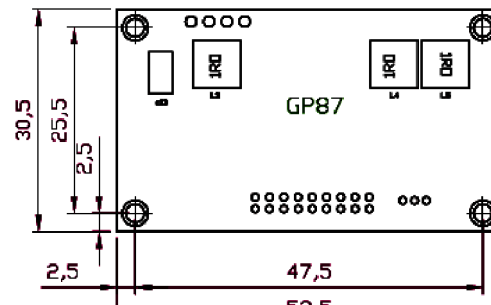
### FEATURES

- Ⓐ Compact Design for mini-ITX and 1U Case
- Ⓑ Fanless DC-DC Solution for 100% Mute Operating
- Ⓒ Ideal for Intel Core Duo and mini-ITX / nano-ITX / pico-ITX Mainboard
- Ⓓ Integrated with Latest 18-pin + 3-pin PHD Socket for Saving Space
- Ⓔ Over Power Protection
- Ⓕ Over Voltage Protection
- Ⓖ Short Circuits Protection



### SPECIFICATION

<b>Model Number</b>	<b>IX-87</b>
<b>RoHS Compliance Version</b>	Yes
<b>Output Power [w/ Fanless]</b>	90W
<b>Output Power</b>	120W
<b>Main Connector</b>	20 Pin
<b>Dimension [WxHxD]</b>	56 x 30.5 x 21.5 mm



# IX-88

## 90/120W ITX Switching Power Supply

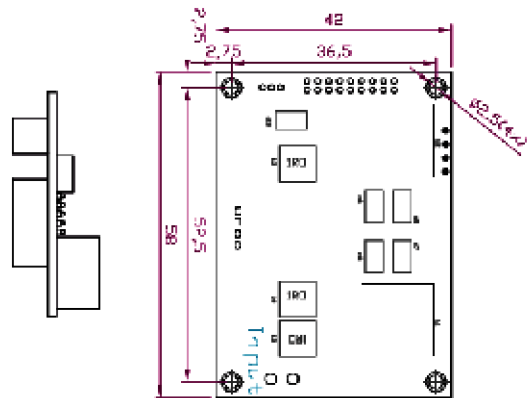


### INTRODUCTION

IX-88 ITX DC-DC switching power supply is ultra compact and high efficiency. Up to 92% efficiency, and maximum of 120 watts supports VIA, AMD, INTEL embedded, mobile, and core duo processors. High compatibility to mini-ITX, nano-ITX, and pico-ITX motherboards provide solution to mobile PC, medical, aviation, industrial PC, and military applications. iStarUSA provides OEM/ODM solutions for wide variety of industries.

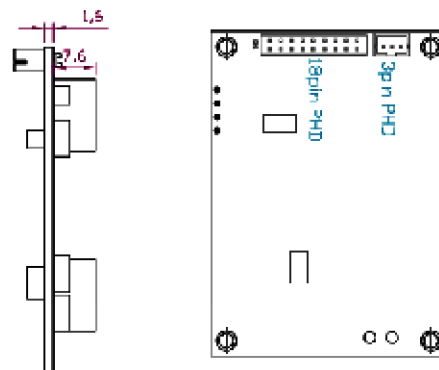
### FEATURES

- A Compact Design for mini-ITX and 1U Case
- B Fanless DC-DC Solution for 100% Mute Operating
- C Ideal for Intel Core Duo and mini-ITX / nano-ITX / pico-ITX Mainboard
- D Integrated with Latest 18-pin + 3-pin PHD Socket for Saving Space
- E Over Power Protection
- F Over Voltage Protection
- G Short Circuits Protection



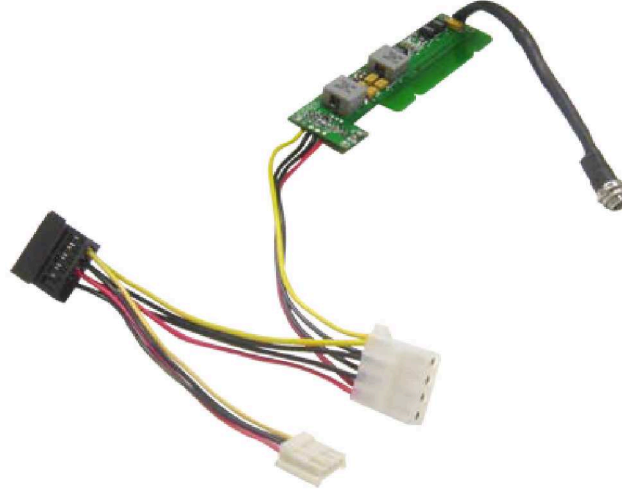
### SPECIFICATION

Model Number	IX-88
RoHS Compliance Version	Yes
Output Power [w/ Fanless]	90W
Output Power	120W
Main Connector	20 Pin
Dimension [WxHxD]	58 x 42 x 16.2 mm



# IX-89

## 90/120W PCI Slot 1U Switching Power Supply



### INTRODUCTION

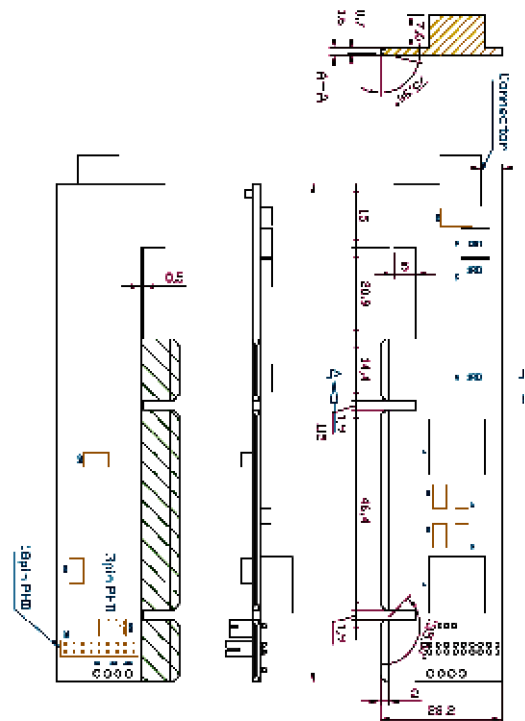
iStarUSA IX-89 mini-ITX switching power supply designed to fit in PCI slot. IX-89 enables computing at the sound of silent. Ultra compact and maximum output of 120 watts supports VIA, AMD, INTEL embedded, mobile, and core duo processors. IX-89 operates under fanless condition and also complies with 1U standard. iStarUSA specialize in providing custom OEM/ODM solution in wide variety of application includes mobile PC, medical, aviation, industrial PC, and military operation.

### FEATURES

- Ⓐ Slimline Design with Innovative Unique Mounting
- Ⓑ Fanless DC-DC Solution for 100% Mute Operating
- Ⓒ Ideal for Intel Core Duo and mini-ITX / nano-ITX / pico-ITX Mainboard
- Ⓓ Integrated with Latest 18-pin + 3-pin PHD Socket for Saving Space
- Ⓔ Over Power Protection
- Ⓕ Over Voltage Protection
- Ⓖ Short Circuits Protection

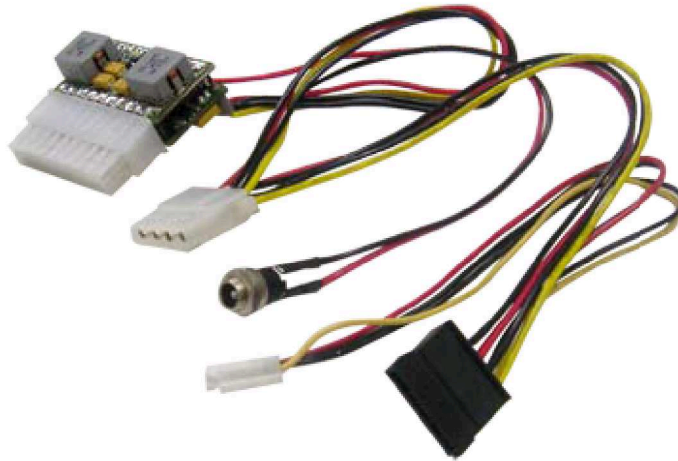
### SPECIFICATION

<b>Model Number</b>	<b>IX-89</b>
<b>RoHS Compliance Version</b>	Yes
<b>Output Power [w/ Fanless]</b>	90W
<b>Output Power</b>	120W
<b>Main Connector</b>	20 Pin
<b>Dimension [WxHxD]</b>	115 x 27.2 x 16.2 mm



# IX-90S

## 90/120W 20-Pin Switching Power Supply



### INTRODUCTION

iStarUSA IX-90S mini-ITX switching power supply takes only the space of 20-pin connector to provide system power. IX-90S enable computing at the sound of silent. Ultra compact and maximum output of 120 watts supports VIA, AMD, INTEL embedded, mobile, and core duo processors. Total silent operation when combine with IX-HS heatsink. iStarUSA specialize in providing custom OEM/ODM solution in wide variety of application includes mobile PC, medical, aviation, industrial PC, and military operation.

### FEATURES

- A Compact Design for mini-ITX Cases
- B Fanless DC-DC Solution for 100% Mute Operating
- C Integrated with Latest 18-pin + 3-pin PHD Socket for Saving Space
- D Over Power Protection
- E Over Voltage Protection
- F Short Circuits Protection

### SPECIFICATION

Model Number	IX-90S
RoHS Compliance Version	Yes
Output Power [w/ Fanless]	90W
Output Power	120W
Main Connector	20 Pin
Dimension [WxHxD]	45 x 34.14 x 18.78 mm

