

STAR400

4U Compact Stylish Rackmount Chassis with 400W PSU 24" Rails



■ FEATURE

- Front Access USB2.0 x2
- Optional 120mm and 80mm Cooling Fans
- Power and HDD LED
- Power and Alarm Reset Switch
- Comes with 80PLUS 400W PSU and 24" Rails

■ INTRODUCTION

iStarUSA 4U industrial rackmount chassis STAR400. Combine with BPU or T Series enable hot-swappable storage capability. STAR400 supports up to seven add-on cards and total storage capacity up to 5 storage drives for RAID configuration. The chassis provides your server or cluster maximum reliability and performance. Optional Aluminum Body reduces total chassis weight and also provides enhanced thermal cooling solution.

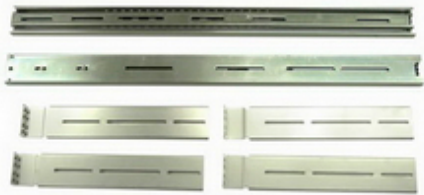
■ SPECIFICATION

Model Number	STAR400
Form Factor	4
Standard Drive Bays	5.25": 4 3.5": 1 3.5" (Int): 2
Cooling Fan [Option]	80mm x2, 120mm
Mainboard Size [Inch]	12 x 9.6 (ATX, microATX)
Indicators	Power, HDD, Temperature, Fan (Fan/Temp require sensor board TC-ISF08)
Security	Front Bezel (optional)
Air Filter	
Material of Front Bezel	
Material of Handles	SECC Zinc-Coated Steel
Material of Main Chassis	1.2mm SECC Zinc-Coated Steel (Japan Made)
Color of Front Bezel	Black
Color of Main Chassis	Black
Front Connector	2x USB 2.0
Dimensions (WxHxD)	19 x 7 x 20.8 inches



STAR400

■ ADDITIONAL IMAGES

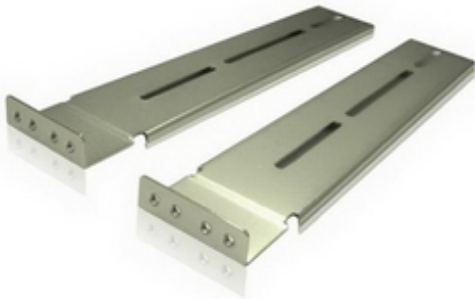


24" Sliding Rail



■ Optional Accessories

Model#	Description
20" Sliding Rail	■ Supported Cabinet: 22" ~ 31" in depth ■ Supported Chassis: up to 23" in length
24" Sliding Rail	■ Supported Cabinet: 26" ~ 39" in depth ■ Supported Chassis: up to 27" in length
26" Sliding Rail	■ Supported Chassis: up to 29" in length ■ Supported Cabinet: 28" ~ 39" in depth



POWER SUPPLY

400W PS2 ATX High Efficiency Switching Power Supply



SPECIFICATION

Model Number	STAR400		
RoHS Compliance Version	Yes		
OutPut Wattage	400		
Efficiency	80%		
Dimensions [WxHxD]	5.91 X	3.39 X	5.51 inches
Dimensions [WxHxD]	150.114 X	86.106 X	139.954 mm

FEATURE

- Complies with ATX/EPS 12V Standards
- Dual 12V Rails
- High Reliability: MTBF>100,000 hours
- Protection: Over Current, Over Voltage, and Short-Circuit
- Active PFC Circuit
- Full Range Input
- 120mm Low Noise Ball Bearing Fan
- High Efficiency 80% above
- ROHS Compliance

INTRODUCTION

The PSU is a high performance switching power supply supports latest motherboard connectors of 20, 24, 8, and 4 pins. Large 120mm ball bearing cooling fan reduces operation noise while keep the optimal airflow. 80 Plus high efficiency saves you on electric bills and less cooling requirement. Dual 12V rails increase overall system stability. TC-400PD8 is the ideal power supply for server and high-end gaming workstation.

Connector Type

Main Connector :	20+4
4 +4 Pin 12V	
4 Pin 12V	1
8 Pin EPS 12V	
8 Pin PCI-E	
Molex	3
SATA	4
Floppy	2
6 Pin PCIE	1

OutPut Table

Output	MINIMUM LOAD	NORMAL LOAD	MAXIMUM LOAD	PEAK LOAD	LOAD REG.	LINE REG.	Ripple & Noise
+3.3V	0.1A	12A	24A		±5%	±1%	50mV P-P
+5V	0.2A	11.5A	23A		±5%	±1%	50mV P-P
+12V1	0.1A	8.5A	17A		±5%	±1%	120mV P-P
+12V2	0.5A	7.5A	15A	18A	±5%	±1%	120mV P-P
-12V	0A	0.25A	0.5A		±10%	±1%	120mV P-P
+5VSB	0A	1.25A	2.5A	3.5A	±5%	±1%	50mV P-P

(1) +3.3V & +5V total output not exceed 120W.

(2) Maximum combined current for the +12V outputs shall be 32A .

(3) +12V2 Peak current is 18A (less then 10m Sec.) , minimum voltage during peak is >11.0Vdc.

(4) +5Vsb Peak current is 3.5A(less then 500m Sec.) , minimum voltage during peak is > 4.5Vdc.

(5) Voltages and ripple are measured at the load side of mating connectors with a 0.1 uF monolithic ceramic capacitor paralleled by a 10 uF electrolytic capacitor across the measuring terminals.

OPTIONAL PSU

500W PS2 Mini Redundant Power Supply



SPECIFICATION

Model Number	STAR400P02					
RoHS Compliance Version	Yes					
OutPut Wattage	500					
Efficiency	74%					
Dimensions [WxHxD]	5.91	X	3.35	X	7.83	inches
Dimensions [WxHxD]	150.114	X	85.09	X	198.882	mm

FEATURE

- Universal Input, Active PFC
- Efficiency: 74% at full load
- Industrial Japanese Components 40 deg.C temperature
- Automatic Thermal Control (reduce Fan Speed)
- Backward Compatibility, -5V Available
- Industrial DIN-Connector for Reliability
- Remote Sensor on +5v & +3.3V
- Power Failure Alarm & Signals
- OPP (Over Power Protection)
- OVP (Over Voltage Protection)

INTRODUCTION

XEAL dual AC input 4U 500W Redundant Power Supply It offers your server and workstation zero down time with full 500W power redundancy. Active PFC, temperature control fan, hot swappable power modules and load sharing function provide ultimate precision power and safety protection for all electronic equipment. A good start for your mission critical system integrations.

Connector Type

Main Connector :	20+4
4 +4 Pin 12V	
4 Pin 12V	1
8 Pin EPS 12V	1
8 Pin PCI-E	
Molex	8
SATA	4
Floppy	2
6 Pin PCIE	2

OutPut Table

Voltage	+3.3V	+5V	+12V	-12V	-5V	+5Vsb
Max Load	24A	30A	36A	1A	0.5A	2A
Min Load	1A	2A	2A	-	-	0.1A
Regulation	±0%	±5%	±5%	±0%	±5%	±5%
Ripple(mV)	50	50	120	120	50	50

OPTIONAL PSU

750W PS2 ATX High Efficiency Switching Power Supply



INTRODUCTION

The PSU is a high performance switching power supply supports latest motherboard connectors of 20, 24, 8, and 4 pins. Large 140mm ball bearing cooling fan reduces operation noise while keep the optimal airflow. 80 Plus high efficiency saves you on electric bills and less cooling requirement. TC-750PD8 is the ideal power supply for server and high-end gaming workstation.

Connector Type

Main Connector :	20+4
4 +4 Pin 12V	1
4 Pin 12V	
8 Pin EPS 12V	
8 Pin PCI-E	
Molex	8
SATA	8
Floppy	1
6 Pin PCIE	2
	2

OutPut Table

AC INPUT 交流輸入	110-240Vac 50-60Hz 10/6A				
DC OUTPUT 直流輸出	+3.3V	+5V	+12V	-12V	+5VsB
MAX LOAD 最大負載	16A	16A	55A	0.3A	2A
	130W				
Total Power 總瓦數	750W				



SPECIFICATION

Model Number	STAR400P01			
RoHS Compliance Version	Yes			
OutPut Wattage	750			
Efficiency	80%			
Dimensions [WxHxD]	5.91	X	3.39	X 5.51 inches
Dimensions [WxHxD]	150.114	X	86.106	X 139.954 mm

FEATURE

- Complies with ATX/EPS 12V Standards
- High Reliability: MTBF>100,000 hours
- Protection: Over Current, Over Voltage, and Short-Circuit
- Active PFC Circuit
- Full Range Input
- 140mm Low Noise Ball Bearing Fan
- High Efficiency 80% above