



Gemini 2400C Titanium

80PLUS Titanium 2400W+2400W 2U CRPS Redundant Power Supply

- 2400W + 2400W 24-hour continuous performance, reliably operating at 50°C with fully sustained power output.
- 2 x native 12V-2x6 connectors with cables included, supporting RTX 40/50 series GPUs
- 2U CRPS form factor: 82mm (W) x 101.5mm (H) x 210mm (D)
- 80PLUS Titanium certification
- Active PFC (full range)
- All Japanese electrolytic capacitors, polymer capacitors
- Hot-swappable design
- Convenient pull-out handle bars
- Support PMBus 1.2



High-wattage output with redundancy

Interchangeable 1+1 modules, each providing 2400W of power output for increased flexibility and redundancy for hyper-converged computing, storage and network equipment

Powerful single +12V rail design

It's robust power delivery provides reliable and stable power to meet the demands of advanced components and increased performance



Product Specifications

Product No.

SST-GM2400C-TF

Color

Silver

Load Range

Output	+3.3V	+5V	+12V1	+5VSB	-12V
Max.(Amps)	25A	38A	198A	3A	0.5A
Min.(Amps)	0A	0A	1A	0A	0A
Range (%)	±5%	±5%	±5%	±5%	±10%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	50mV	50mV	120mV	50mV	120mV

Combined +12V

2352W

Input Frequency Range

47Hz ~ 63Hz

Efficiency

10%~100% (90%~98% efficiency under load)

Operating temperature

-5°C ~ 50°C

Connectors

1 x 24 Pin motherboard connector
2 x 8-Pin EPS / ATX 12V connectors
4 x 8 / 6-Pin PCIe connectors
2 x 12V-2x6 Connector
4 x SATA connectors
4 x 4-Pin Peripheral connectors
1 x 5-Pin PMBus connector

Noise Level

72.8 dBA

Certification

80PLUS Titanium

Dimension

82mm (W) x 101.5mm (H) x 223mm (D) (Housing with bracket, without handle)
82mm (W) x 101.5mm (H) x 210mm (D) (Housing without bracket)
73.5mm (W) x 39mm (H) x 185mm (D) (Module only without handle)

Other

- When this PSU is inserted into the PDB board, if you hear a buzzing sound from the power supply, please connect the AC power cord and the sound will disappear.
- When the power supply is connected to the AC power or inserted into the PDB board, the PSU fan will start at low speed to prevent electronic components from overheating and being damaged.
- To install a new power supply, please follow the steps below:
 1. Carefully slide the PSU all the way into the power supply bay.
 2. Make sure the power supply clicks into place and is securely installed.

Model (safety certification)

SST-CM2400GFTI-A

Max. DC Output

2400W+2400W, Max: 2400W

Combined +3.3V & +5V

180W

Input Voltage

2400W: 200~240 Vrms
1000W: 100~127 Vrms

PFC

Active PFC (PF>0.9 at full load)

MTBF

200,000 hours

Protection

Over Current Protection
Over Voltage Protection
Over Temperature Protection
Short circuit protection

Cooling System

40mm PWM fans

Indicator

Power system condition	PDB Buzzer
No input power to all PSU	OFF
No input power to one PSU only	buzzing
Input power present/only standby output on	OFF
Power supply DC output ON and OK	OFF
One power module failure	buzzing
PDB fail	buzzing

Form factor

2U-CRPS-Form factor

Weight

3.21kg