255 Watt MicroATX Computer PC Power Supply

MICATXPOW255

*actual product may vary from photos

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank you for buying a StarTech.com 255-Watt replacement power supply. This Micro ATX power supply is especially geared to fit space-confined systems and is guaranteed compatible with Intel Pentium and AMD processors. This power supply ensures stable system performance and uses a high air-flow fan to maintain an optimal operating environment for heat-sensitive components. This power supply comes SATA ready with a Serial ATA connector

Packaging Contents

- 1x MICATXPOW255 power supply
- 1x power cord

Features

- Ensures stable system performance
- Uses high air-flow fan for efficient cooling
- Uses high-quality connectors to provide minimal resistance and enhanced electrical conductivity
- Uses quad-protection: Short Circuit protection, Over Power protection, Over Voltage protection, and No Load protection
- Complies with ATX version 2.03, ATX12V, and Serial ATA 1.0 specifications
- Backed by StarTech.com's two-year warranty

WARNING! Computer parts can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also make sure that your computer is turned off and unplugged before attempting to open your computer case.

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Installation

NOTE: Check the power supply voltage before installation. It should be the same as your local power voltage (115V for North America and 230V for most of the European countries). Change the voltage setting if necessary.

1. Make sure that your system is turned off and unplugged. Disconnect the power cord from your old power supply.
2. Open the case (consult your computer's user guide for details, if necessary).

NOTE: Before completing the next step, you may want to take note of what devices are attached to your current power supply so you know which devices need to be connected to the new power supply and where their connectors are located.

3. Disconnect all power connectors from the mother board and the peripheral devices such as hard drives, floppy disks, etc. Make sure that there are no devices connected to your existing power supply.
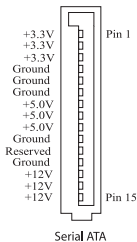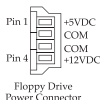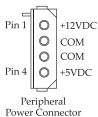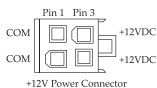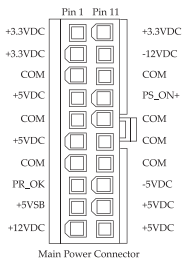4. Remove the existing power supply from your computer case and replace it with the new StarTech.com power supply.
5. Connect the power connectors to your motherboard and peripheral devices.
6. Close your computer case.
7. Connect the power cord to the StarTech.com power supply.

MICATXPOW255 Connectors

Main Power Connector

Pin 1	Pin 11
+3.3VDC	+3.3VDC
+3.3VDC	-12VDC
COM	COM
+5VDC	PS_ON+
COM	COM
+5VDC	COM
COM	COM
PR_OK	-5VDC
+5VSB	+5VDC
+12VDC	+5VDC

+12V Power Connector
Pin 1   Pin 3
COM   +12VDC
COM   +12VDC

Peripheral Power Connector
Pin 1 +12VDC
       COM
       COM
Pin 4 +5VDC

Floppy Drive Power Connector
Pin 1 +5VDC
       COM
       COM
Pin 4 +12VDC

Serial ATA
Pin 1
+3.3V
+3.3V
+3.3V
Ground
Ground
Ground
+5.0V
+5.0V
+5.0V
Ground
Reserved
Ground
+12V
+12V
+12V
Pin 15

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Specifications

Dimensions	4.9 x 2.5 x 3.9 inches (125 x 65 x 100mm)
Enclosure	Zinc plated
Output Power	255W
Fan Type	1 x 8 cm sleeve-bearing
Connectors	3 x 4-pin-LP4 (Hard drive)
	1 x 4-pin SP4 small internal power (Floppy drive)
	1 x 20-pin ATX motherboard adapter
	1 x 4-pin extended ATX power 12V plug
	1 x 15-pin Serial ATA
MTBF	100,000 Hours @ 25ºC
Safety Approvals	TUV, UL, CUL, FCC Class B
AC INPUT	Voltage 115V~ Current 6A
	Voltage 230V~ Current 3A
	Frequency 50~60Hz
DC OUTPUT	+3.3V (20A)
	+5V (20.5A)
	+12V (11A)
	-12V (0.5A)
	+5V Standby (2A)

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For the latest drivers/software, please visit **www.startech.com/downloads**

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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