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4 Port USB 3.0 Hub with 3 Dedicated Charging Ports (2 x 1A & 1 x 2A)

ST4300U3C3



*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.

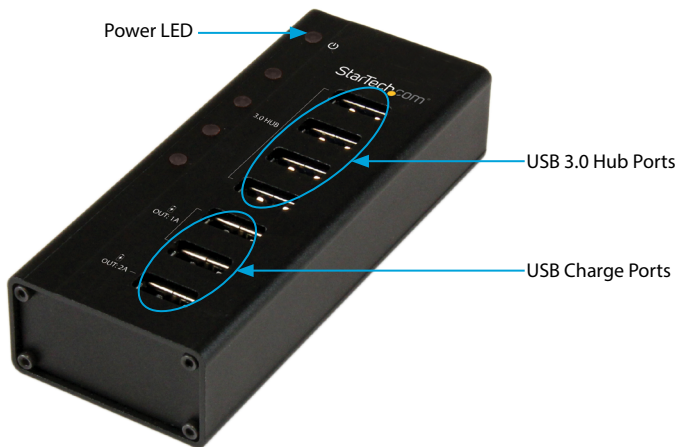
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Product Diagram



Introduction

Packaging Contents

- 1 x USB Charging Hub
- 1 x USB 3.0 Cable
- 1 x Wall Mount Bracket (w/ Screws)
- 4 x Rubber Feet
- 1 x Universal Power Adapter (NA/UK/EU)
- 1 x Instruction Manual

System Requirements

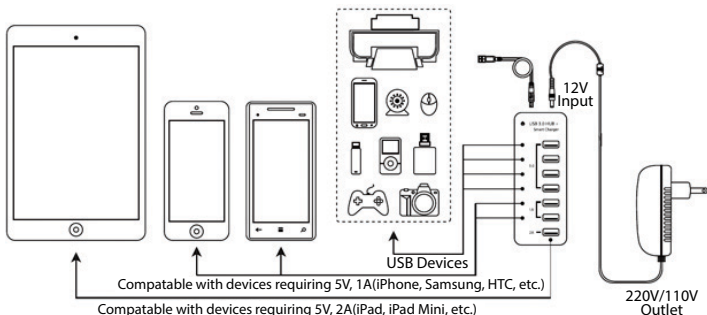
- Available wall outlet
- USB-enabled computer system with an available USB port

Smart Charging Note: The charge ports of the ST4300U3C3 Hub are designed with an Intelligent Control Chipset, which can detect the required charging mode of the different devices connected, and switch to the proper mode for “Full Speed charging” of that device(E.g. When an Apple device is connected, it will automatically charge to Apple Charging Mode specifications)

Installation

Warning! Do Not Connect Devices which do not require charging into the charging ports of this device (e.g. USB Flash Drives, Card Readers, etc.)

1. If you plan to wall or surface-mount the device, attach the included wall-mount bracket to the back of the unit using the screws provided, then attach to the desired surface using the appropriate hardware (not included).
2. Connect the included power adaptor to an AC outlet, then to the device – the power LED should be lit.
3. Connect the included USB A-B cable to the hub, then to an available USB port on your PC.
4. The operating system should detect the hub immediately and automatically install it.
5. Connect your device(s) to the corresponding data ports / charging ports (1A or 2A) according to the charging requirement your device(s).



Notes:

- a. The choice of charging mode is dependent upon what mode the connected device supports. The quantity of charging electricity provided is also dependent upon how much the connected device needs to get a full speed charge.
- b. Some devices with a 2A charging requirement can be charged in a 1A USB port, however, the provided power will be 1A and the charging time will be longer. Likewise, devices with a 1A charging requirement can be connected to a 2A USB port and the connected device will only draw the power that is required. It is recommended that you connect your devices to the proper USB ports based on the charging requirement of the connected device(s).
- c. The charging station may become warm to the touch during charging – this is normal and will not harm your connected device(s).
- d. With an exhausted battery, a Samsung Galaxy Note tablet will not display a charging icon when connected to the charging hub. After approximately one hour of low speed charging, the charging icon will show up and begin high speed charging.

Apple Mode definition:

Apple Mode is a proprietary charging mode developed by Apple, which redefines the other two pins of the USB connector, enabling them to send current and increase charging speed (same theory as DCP mode in BC 1.2 version, but with different voltage levels on the pins).

Detailed as follows:

1A Mode: VCC:5V/GND:5V/D+:2.0V/D-:2.7V (compatible with Apple products that need 1A current input, such as iPhones, iPods and iPads)

2A Mode: VCC:5V/GND:5V/D+:2.7V/D-:2.0V (compatible with Apple products that need 2A current input, such as iPads or iPad minis)

BC 1.2 Mode (Battery Charging Specification 1.2) definitions:

SDP: Standard Downstream Port, defined under USB 2.0 & 3.0 specification. Charging limits: 500mA / USB 2.0; 900mA/USB3.0

DCP: Dedicated charging Port, for charging only. To increase charging efficiency in DCP mode, D+ and D- will short out and cannot transmit data. **ST7CU35122 uses this mode only.

CDP: Charging Downstream Ports. USB ports under this mode can transmit data.

Specifications

Host Interface	USB 3.0
Number of Ports	7 (4 x USB 3.0 Hub Ports / 2 x 1A, 1 x 2A Charging Ports)
Connectors	1 x USB 3.0 B (9 pin; SuperSpeed) 4 x USB 3.0 A (9 pin; SuperSpeed) 3 x USB A (4 pin)
Maximum Data Transfer Rate	5 Gbps
Supported Standards	USB Battery Charging Specification Rev. 1.2
Power Adapter	12V, 3A
Enclosure Material	Aluminum
Operating Temperature	5°C to 35°C (41°F to 95°F)
Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Dimensions	110 x 45 x 24 mm
Weight	130g
Compatible Operating Systems	Windows® 8.1 (32/64-bit), 8 (32/64), 7 (32/64), Vista (32/64), XP (32/64) Windows® Server 2012, 2008 R2, 2003 (32/64) Mac OS 10.5 and up (Tested up to 10.9) Linux kernel 2.4 and above

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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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