# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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### 7-Port USB 2.0 Hub

#### MODEL NUMBER: U223-007







Tripp Lite's U223-007, 7-port USB 2.0 hub is the most versatile and powerful hub on the market. It allows you to connect up to seven USB devices to a single USB port on your computer. This unit meets or exceeds USB 2.0 Specifications for Hi-Speed data transmission rates up to 480Mbps. Perfect for both the mobile and desktop user. While the hub will function perfectly in virtually all cases without needing external power, a compact, multi-voltage AC adapter (110/220V) has been provided for the rare circumstance when connecting a power hungry device. This USB 2.0 device is backwards compatible so that it will function with both USB 2.0 and USB 1.1 devices. Over-current protection safeguards connected equipment from overvoltages.

#### Features

- USB2.0 7-Port Hub
- Supports data transfer rates up to 480Mbps
- Connect up to 7 USB devices to a single USB port on your computer
- Compact design is ideal for use with a laptop/notebook computer
- Does not require external power, software, or complicated set-up procedures
- Plug-and-play/hot-swappable allows you to add or remove a device at any time
- Per-port overcurrent protection
- Bus-powered or self-powered
- Supports USB 2.0 spec up to 500mA per port
- On bus-power, 500mA from the USB 2.0 computer port is shared between the hub ports
- The included external power supply provides 2.5A of power, to be shared between the hub ports (up to 500mA per port)
- Compact, multi-voltage power supply (110/220V) provided
- Compatible with all major operating systems

#### **Highlights**

- Connects up to 7 USB 2.0
  devices
- Bus-powered or optional AC adapter
- Compatible with all major operating systems

#### System Requirements

- USB 2.0 Computer Port
- USB Peripherals

#### **Package Includes**

- U223-007 USB 2.0 Hub
- User's Manual
- USB 2.0 Mini B male to USB 2.0 A male cable
- 5V/3A DC Power Supply Optional
- External Power Supply with 1-15P Plug (Input: 100-240V, 50/60Hz, 0.6A Max / Output: 5.0V, 3000mA)



## **Specifications**

OVERVIEW		
UPC Code	037332185389	
Technology	USB 2.0 (High Speed); USB (all versions)	
INPUT		
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240	
External Power Supply Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.6A	
External Power Supply Output Specs (V / A)	5V / 3A	
External Power Supply Cord Length (ft.)	4	
External Power Supply DC Barrel Connector Specs	OD: 3.5 x 1.35 x 8mm, Positive Pin, Negative Sleeve	
External Power Supply Plug(s)	NEMA 1-15P North America	
External Power Supply Certifications	DOE; FCC; UL	
Bus Powered	No	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators	Blue (Power)	
PHYSICAL		
Shipping Dimensions (hwd / in.)	3.200 x 2.200 x 7.500	
Shipping Weight (lbs.)	0.5000	
Unit Packaging Type	Box	
Unit Dimensions (hwd / in.)	0.6 x 6.5 x 1.3	
Unit Weight (lbs.)	0.14	
Unit Weight (kg)	0.06	
Material of Construction	ABS	
Color	Black	
ENVIRONMENTAL		
Operating Temperature Range	32 to 158 F (0 to 70 C)	
Storage Temperature Range	14 to 194 F (-10 to 90 C)	
Relative Humidity	10% to 90 % RH, Non-Condensing	
BTUs	1 BTU/Hr	



Power Consumption (Watts)	0.3	
Power Provided to Connected Device(s)	5V 0.5A (2.5W) Output per USB port	
CONNECTIONS		
Ports	7	
Side A - Connector 1	USB A (MALE)	
Side B - Connector 1	(7) USB A (FEMALE)	
Connector Plating	Nickel	
FEATURES & SPECIFICATIONS		
USB Specification	USB 2.0 (up to 480 Mbps)	
Driver Required	No	
CERTIFICATIONS		
Certifications	Tested to CE, FCC, RoHS, REACH	
WARRANTY		
Product Warranty Period (Worldwide)	3-year limited warranty	

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