

USBG-4PminiH USB 3.0 Metal Mini 4-Port Hub

The USBG-4PminiH has been designed to be connected a computer with USB interfaces. It serves to connect additional USB devices. During operation it operates like a bi-directional repeater, which repeats USB signals as required on upstream (computer) and downstream (peripherals) cables. It is designed for USB 3.0 and backward compatible with USB2.0 and USB 1.1. Its operation requires connection with a computer. Only operate the USB HUB in dry indoor room.



Unauthorized conversion and/or modification of the device are inadmissible because of safety and approval reasons (CE). Such acts invalidate the warranty. Any usage other than described above is not permitted and can damage the device and lead to associate risks such as short-circuit, fire, electric shock and etc. Please read the operation instructions thoroughly and keep the operating instructions for further reference.

Features

- USB 3.0 4-Port Super-Speed Hub
- Fully compatible with USB 2.0/3.0/1.0 specification
- Fully backwards compatible with USB 2.0/1.1 specification
- Supports Transfer rate of 5Gbps/1.5/12/480 Mbps
- 900mA each port is reliable up to 15 feet of transmission
- Support Self-Powered Mode
- Support Hot plug and play
- One Upstream port
- Four Downstream ports
- One LED to indicate Hub is ready
- Four LEDs to indicate per port status
- Downstream ports have automatic connect and speed detection function plus over-current protection with auto recovery
- Compatible with Windows 7/8/10/98/2000/XP/2003/Vista Mac OS X
- Dimensions: 4.8 x 1.7 x 0.8 inches / 121.92(L) x 43.18(W) x 20.32mm(H)

Technical Data

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|-----------------------|--|
| Input voltage: | 5V/ DC, 900mA (without power supply unit, USB 3.0) 5V/ DC, 500mA(with power supply unit, USB 2.0) 5V/DC , 4000mA(with power supply) |
| USB standard | 3.0 / 2.0 / 1.1 |
| Connections: | 4 x USB 3.0 , 1 x micro USB 3.0 B-type |
| Transfer rate | 5 GBit/s |
| Cable Length | 1m |
| Operating temperature | -5°C to 45°C,20~80% |
| Storage temperature | -10°C to 60°C,20~80% |
| Dimension(W x H x D): | 122 x 20 x 44 mm |
| Weight: | 110g(hub) |
| System requirements | Windows® XP, Vista,7, MacOS® 9 or higher |



Technical (Power Supply Unit)

| | |
|----------------|---------------------|
| Input voltage | 100~240V/AC,50~60Hz |
| Input current | 0.45A |
| Output voltage | 5V |
| Output current | 4A |

Mounting

You can set up the HUB on an even base or mount it by means of one to four screws (not included) on a stable base in the desired orientation.

Operation

1. Plug the USB A-plug of the cable into a free USB connection of your computer and plug the USB mini-plug into the port of the HUB.
2. Now you can connect up to four USB devices to the HUB. Each output has an LED indicator.
3. The device supports Plug & Play and Hot Swap (device drivers are automatically detected and installed or devices themselves can be removed while the OS is in operation)
4. Connect the power supply unit to a socket with permissible operating voltage
5. Plug the power supply unit into the power input jack provided for it on the hub or insert the USB cable into USB port of your computer. The LED indicator will be light (red color)
6. When insert the device into the USB port of the hub, the LED indicator of the port will be light (green color)

Product Safety

- When used in conjunction with other devices, observe the operating instructions and safety notices of connected devices
- The product must not be subjected to heavy mechanical stress or intense vibration
- The product must not be exposed to electromagnetic fields, extreme temperatures, direct sunlight or dampness
- The product should not be used immediately after it has been brought from an area of cold temperature to an area of warm temperature. Condensed water might destroy the product. Wait until the product adapts to the new ambient temperature before use.



Additional Information

- The USB 3.0 is USB 2.0 and USB 1.1 compatible. That means that traditional USB 2.0 and USB 1.1 devices can be operated without problems on the USB3.0 hub. USB 2.0 and USB 1.1 devices do not become quicker through this!
- The USB 3.0 hub can, of course, also be operated on a USB 1.1 connection, e.g. if your PC has no USB 3.0 connection. An increase in speed in the data transmission is not possible here either.
- To be able to exploit the high speed, all devices must support USB 3.0—the USB device (e.g. and external CD burner) itself, the USB hub and the USB controller in the PC
- In practical operation, the 5.0Gbps it is not achieved. Hardly any device (e.g. hard disk, burner etc) is in a position to supply data so quickly. Other causes also (e.g. simultaneous operation of other USB devices, protocol information etc.) reduce the transmission rate
- USB operation is not possible in Windows safe mode or under DOS. USB keyboards and a USB mouse do not normally work. The BIOS/setup of your PC possibly has appropriate support (could be called e.g. “Legacy USB support”). It is possible, however, that the USB keyboard/mouse is to be connected directly to the motherboard and not on a USB hub.

