

7-Port USB 2.0 Hub - Metal Industrial USB-A Hub with ESD & 350W Surge Protection - Extended Operating Temp -40 to 185F - Din Rail/Wall/Desk Mountable - USB Expander Hub

**Product ID:** HB20A7AME



This TAA compliant 7-port industrial USB 2.0 hub gives you the scalability you need in harsh industrial environments, product and repair labs, conference rooms or office workstations. With its rugged industrial grade metal housing, it is designed to meet the advanced requirements of connecting a high number of devices in factories and office environments.

This industrial USB hub delivers reliable performance with a metal, heavy-duty housing. It supports wide-range 7-48V DC terminal block input, giving you the flexibility to power the hub as required, based on your own power input capabilities.

Perfect for more extreme environments, the rugged hub also supports a wide operating temperature range (-40C to 85C) and offers ESD protection to each USB port, which can help prevent damage to your connected devices.

Designed for a high volume of connections, this robust USB 2.0 hub offers seven connection ports, for connecting more USB devices and peripherals.

With versatile installation options, you can install the hub where it's best suited for your environment. With built-in mounting brackets, included DIN mount rails, and an included 2-meter USB host cable, you can securely mount the USB 2.0 hub to most surfaces such as a wall, under a desk or rack.

StarTech.com offers an external power adapter, ITB20D3250, sold separately. The universal DC power adapter can be used as an alternative, back up or replacement power supply for StarTech.com's line of industrial USB hubs.

The rugged USB hub supports the full 480 Mbps bandwidth of USB 2.0 and is backward compatible with previous USB devices.

The HB20A7AME is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Ideal for tough conditions that are subject to large temperature variances, or where there's a risk of physical damage
- Great for industrial and manufacturing environments where only terminal block connection is preferred
- Connect a variety of USB devices such as industrial printers or cameras, plus fast-charge your smartphone and tablet
- Mount to a wall near or under a desk surface in a Lab, Service Repair area or office area connecting multiple USB peripherals
- Use in a conference or meeting room utilizing multiple USB peripherals or for charging several mobile devices

## Features

- **7 PORT USB 2.0 HUB:** Expand the connectivity of a USB Type-A computer by adding 7x USB 2.0 high speed ports w/screw lock; Speeds up to 480Mbps shared across devices; Flexible 7 to 48V DC power input
- **EXTENDED TEMPERATURE RANGE:** USB port expander rated for operation between -40F to 185F (-40C to 80C) w/relative humidity from 5 ~ 95% Aluminum heat sinks on enclosure to protect from temp spikes
- **ESD PROTECTION:** USB Hub with 15kV Air and 8kV Contact electrostatic (ESD) protection & 350W surge protection, this rugged metal-enclosed hub is suitable for harsh industrial/commercial environments
- **INSTALLATION FLEXIBILITY:** Ear mount & DIN rail mountable (bracket incl) for wall/desk surface locations; Incl terminal block power connector, 6.6' (2m) USB host cable w/screw-lock connector on hub
- **WIDE COMPATIBILITY:** USB expansion hub is OS independent, supports Windows, macOS, Linux, iPadOS, Chrome OS, Android; Works w/USB 1.1; Multi Transaction Translator (MTT) support for mixed speed devices

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### Hardware

Warranty	2 Years
USB-C Host Connection	No
Ports	7
Interface	USB 2.0

Bus Type	USB 2.0
Industry Standards	USB 2.0
Chipset ID	Genesys Logic - GL852GT

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**Performance**

Maximum Data Transfer Rate	480 Mbps
Type and Rate	USB 2.0 - 480 Mbit/s
ESD Protection	+/-15kV (Air) +/-8kV (Contact)
Surge Protection	350W on the DFP and UFP
MTBF	170,227 Hours

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**Connector(s)**

External Ports	1 - USB B (4 pin) 1 - Terminal Block (3 Wire) 7 - USB 2.0 Type-A (4 pin, 480Mbps)
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**Software**

OS Compatibility	OS independent; No software or drivers required
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**Special Notes / Requirements**

System and Cable Requirements	Any computer with a USB 2.0 port
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**Indicators**

LED Indicators	1 - Power
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**Power**

Power Source	Terminal Block
Input Voltage	7 ~ 48 DC
Input Current	4A
Output Voltage	7 ~ 48 DC

Power Consumption (In Watts) 28 W

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**Environmental**

Operating Temperature -40C to 80C (-40F to 176F)

Storage Temperature -40C to 80C (-40F to 176F)

Humidity 5 ~ 95% RH

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**Physical Characteristics**

Color Black & Silver

Form Factor Industrial

Material Steel

Product Length 5.2 in [13.2 cm]

Product Width 2.5 in [6.3 cm]

Product Height 1.7 in [4.2 cm]

Weight of Product 14.3 oz [404 g]

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**Packaging Information**

Package Quantity 1

Package Length 9.4 in [24.0 cm]

Package Width 6.6 in [16.8 cm]

Package Height 2.4 in [6.2 cm]

Shipping (Package) Weight 22.2 oz [628 g]

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**What's in the Box**

Included in Package

- 1 - USB 2.0 hub
- 1 - 2 m [6.6 ft] USB-A to USB-B cable
- 1 - DIN rail kit
- 1 - instruction manual

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*\*Product appearance and specifications are subject to change without notice.*

