

# Four & Seven Port Super-Speed 3.0 USB Hubs

Models BB-USH204 & BB-USH207

**B+B SMARTWORX**

Powered by

**ADVANTECH**

[www.advantech-bb.com](http://www.advantech-bb.com)



## PRODUCT FEATURES

- Expands one USB port to 4 or 7 USB ports (see models)
- 8kV air ESD protection
- Supports USB 3.0 speeds up to 5 Gbps
- Heavy-duty metal case with DIN and panel mount options (mounting kit included)
- FCC, CE certified
- 900 mA downstream power on each port
- Includes USB 3.0 Type A to Type B (2 m) cable

Models BB-USH204 and BB-USH207, 4-port and 7-port industrial USB 3.0 hubs, offers a simple way to expand a system's current USB capability by providing additional external USB 3.0 ports from a single USB 3.0 host connection, with speeds up to 5 Gbps.

These rugged hubs provide reliability under almost any condition and can be securely mounted to most surfaces. Fully compliant with the SuperSpeed USB 3.0 Specification, these industrial USB hubs are backward compatible with USB 2.0 and 1.x Specifications for simultaneous support of older USB peripherals or even older systems without USB capabilities. USB 3.0 downstream powering supplies 900 mA to power connected peripherals. Includes a USB 3.0 Type A to Type B cable (2 m), DIN rail/wall mount kit and terminal block.

## ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
BB-USH204	Industrial USB 3.0 4-port Hub
BB-USH207	Industrial USB 3.0 7-port Hub

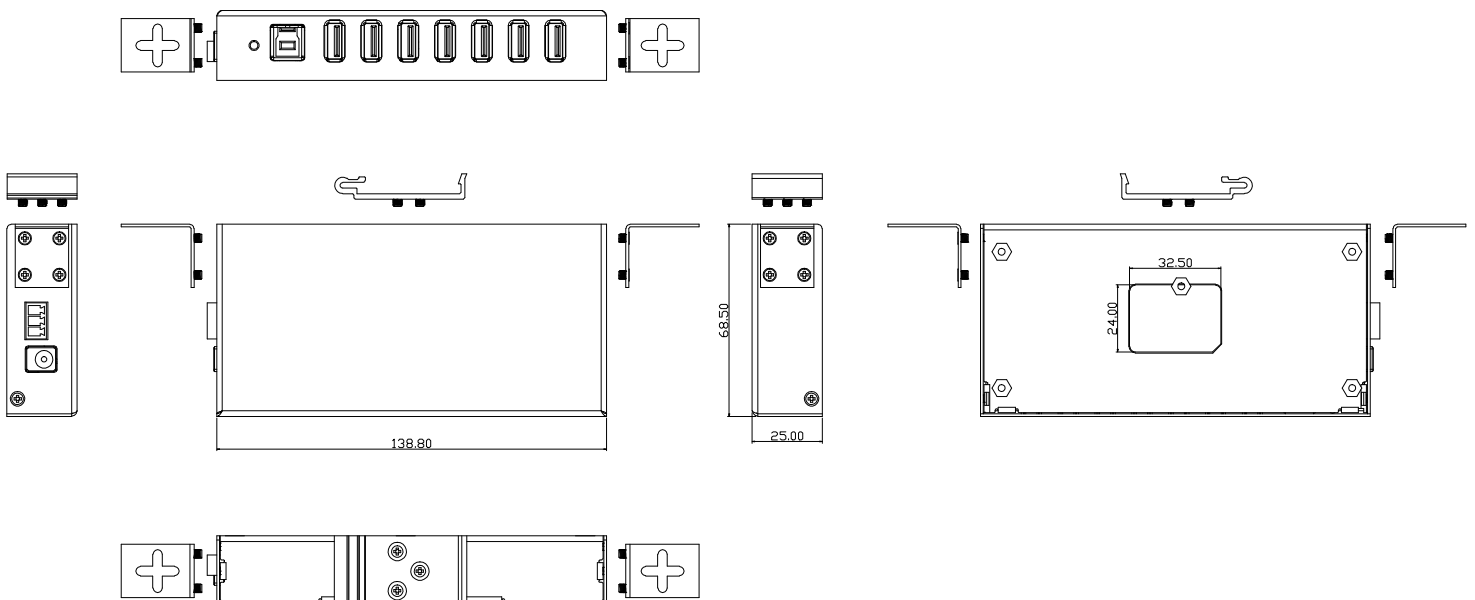
## ACCESSORIES - optional, sold separately

BB-MDR-40-12 - 40W, 12V, DIN Rail, Slim, Plastic Power Supply

BB-USB3AMB-3FT - USB 3.0 Cable, 0.91 m (3.0 ft) (one included with product)

## MECHANICAL DIAGRAM – BB-USH207

Units = mm



All product specifications are subject to change without notice.

BB-USH204\_BB-USH207\_2118ds

# Four & Seven Port Super-Speed 3.0 USB Hubs

Models BB-USH204 & BB-USH207



## SPECIFICATIONS

USB INTERFACE	
Standards	USB 3.0 (backward compatible with USB 2.0 and USB 1.1)
Upstream Port	(1) Type B
Downstream Ports	BB-USH204: (4) Type A BB-USH207: (7) Type A
Surge Protection	600W power input surge protection on each port
ESD Protection	8 kV air
POWER	
Power Requirement	External power source (sold separately) Redundant 9 to 24 VDC terminal block input BB-USH204: 24 W BB-USH207: 36 W
Power Connector	3-pin terminal block or barrel DC power jack
Downstream Power	900 mA per port
LED	Power LED indicator

MECHANICAL	
Dimensions	138.8W x 68.5D x 25.0H mm (5.47W x 2.7D x 0.98H in)
Enclosure	Industrial-grade, metal case
Weight	BB-USH204: 600 gm (1.32 lb) BB-USH207: 620 gm (1.37 lb)
ENVIRONMENTAL	
Operating Temperature	0 to +40 °C (+32 to +104 °F)
Storage Temperature	-20 to +50 °C (+4 to +122 °F)
Operating Humidity	0 to 85% Non-condensing
APPROVALS/CERTIFICATIONS	
Emissions	FCC Class B, CE, RoHS
CE	EMC Directive 2004/108/EC EN 55022:2010 EN 55024:2010 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2008

## MECHANICAL DIAGRAM – BB-USH204

Units = mm

