

UPort 200A Series

4 and 7-port general-purpose USB 3.2 hubs



Features and Benefits

- USB-IF certification
- USB 3.2 SuperSpeed capability
- IP30 aluminum housing
- DIN-rail housing and wall-mountable housing
- 5-year warranty

Certifications



Introduction

The UPort® 200A Series general-purpose USB 3.2 hubs can expand an USB port into 4 or 7 USB ports. The hubs are designed to provide true USB 3.2 Gen 1 SuperSpeed 5 Gbps data transmission rates through each port. The hubs are fully compliant with the USB plug-and-play spec and provide full 900 mA power per port, ensuring that your USB devices function properly. Externally powered USB hubs are the only way to guarantee the broadest compatibility with USB devices.

BC 1.2 Compatibility

The UPort® 200A Series hubs has BC 1.2 compatible on port 1, which would provide 1.5 A charging power to the mobile device/power bank that also supports BC 1.2. The UPort® 200A Series supports CDP, DCD and SCD type.

ESD Level 4 Protection

Electrostatic discharge (ESD) could be as severe as having more than 1,000 volts of ESD with a high rise-time (dv/dt) breaking through the junction layer of protective devices. In order to avoid serious damage, Moxa's UPort® 200A Series USB hubs provide ESD Level 4 (contact 8 kV, air 15 kV) protection, which increases the quality and value of the user's end product.

Specifications

USB Interface

USB Standards	USB 1.1/2.0 compliant USB 3.2 Gen 1
Speed	5 Gbps
USB Connector	UFP: type B DFP: type A
No. of USB Ports	8 (UFP: 1, DFP 7) for UPort 207A 5 (UFP: 1, DFP 4) for UPort 204A

Power Parameters

Input Voltage	No. of power inputs: 1, 12 VDC
Power Connector	Power jack
Power Consumption	UPort 207A: 4.5 A @ 12 VDC UPort 204A: 2.65 A @ 12 VDC

Reverse Polarity Protection	Supported
Output Power Rating	Port 1: 900 / 1500 mA @ 5 VDC (BC 1.2 compatible) Rest of ports: 900 mA @ 5 VDC

Physical Characteristics

Housing	Metal
Dimensions	UPort 207A: 80 x 27 x 140 mm (3.15 x 1.06 x 5.51 in) UPort 204A: 85 x 27 x 100 mm (3.35 x 1.06 x 3.94 in)
Weight	UPort 207A: 273 g (0.60 lb) UPort 204A: 208 g (0.46 lb)
Installation	DIN-rail mounting (with optional kit), Wall mounting (with optional kit)

Environmental Limits

Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-20 to 75°C (-4 to 167°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

Standards and Certifications

EMC	EN 55032/35
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m IEC 61000-4-4 EFT: Power: 1 kV IEC 61000-4-5 Surge: Power: 1 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 10 V/m IEC 61000-4-8 PFMF
Safety	EN 62368-1, UL 62368-1, KC
Environmental Testing	IEC 60068-2-1
Freefall	IEC 60068-2-34

Declaration

Green Product	RoHS, CRoHS, WEEE
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MTBF

Standards	Telcordia (Bellcore), GB
Time	UPort 207A: 1,957,123 hours UPort 204A: 2,678,801 hours

Package Contents

Device	1 x UPort 200A Series USB hub
Cable	1 x USB 3.2 Gen 1 type A male to USB type B male cable, 1.2 M
Power Supply	1 x power adapter, suitable for your region
Installation Kit	4 x rubber stand

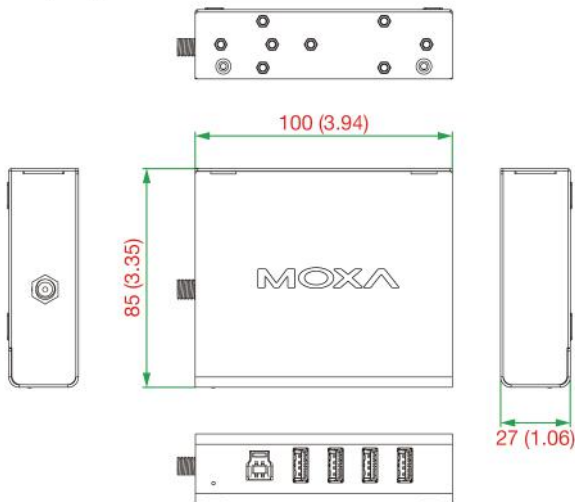
Warranty

Details	See www.moxa.com/warranty
Warranty Period	5 years

Dimensions

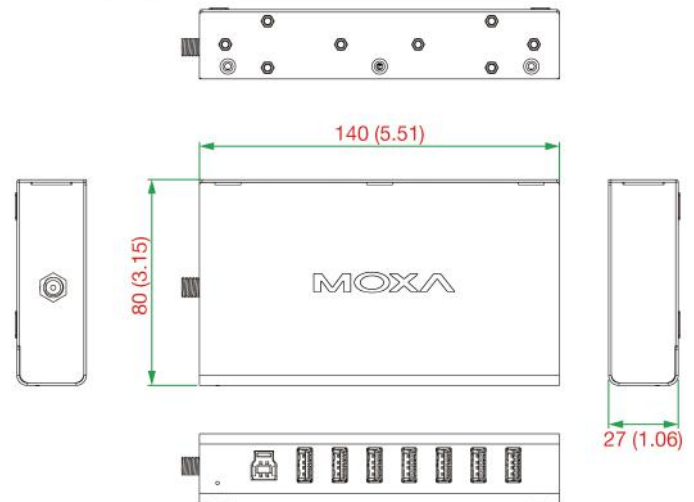
UPort 204A

Unit: mm (inch)



UPort 207A

Unit: mm (inch)



Ordering Information

Model Name	USB Interface	No. of USB Ports	Housing	Operating Temp.	Power Adapter Included
UPort 207A	USB 3.2 Gen 1	7 downstream	Metal	0 to 60°C	Y
UPort 204A	USB 3.2 Gen 1	4 downstream	Metal	0 to 60°C	Y

Accessories (sold separately)

Cables

CBL-USB3-BA-BK-120	USB 3.2 Gen 1 cable, type A-to-type B, 1.2 m
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Power Adapters

PWR-12300-WPEU-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, EU plug, 0 to 40°C operating temperature Applicable Models: UPort 204A
PWR-12300-WPCN-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, CN plug, 0 to 40°C operating temperature Applicable Models: UPort 204A
PWR-12300-WPUSJP-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, US/JP plug, 0 to 40°C operating temperature Applicable Models: UPort 204A
PWR-12300-WPUK-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, UK plug, 0 to 40°C operating temperature Applicable Models: UPort 204A
PWR-12300-WPAU-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, AU plug, 0 to 40°C operating temperature Applicable Models: UPort 204A
PWR-12300-WPKR-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, KR plug, 0 to 40°C operating temperature Applicable Models: UPort 204A
PWR-Plug-EU-02	EU plug for PWR-12150-WPEU and PWR-12300-WPEU Applicable Models: UPort 204A

PWR-Plug-CN-02	CN plug for PWR-12150-WPCN and PWR-12300-WPCN Applicable Models: UPort 204A
PWR-Plug-USJP-02	US/JP plug for PWR-12150-WPUSJP and PWR-12300-WPUSJP Applicable Models: UPort 204A
PWR-Plug-UK-02	UK plug for PWR-12150-WPUK and PWR-12300-WPUK Applicable Models: UPort 204A
PWR-Plug-AU-03	AU plug for PWR-12300-WPAU
PWR-Plug-KR-02	KR plug for the PWR-12150-WPKR and the PWR-12300-WPKR Applicable Models: UPort 204A

Power Cords

PWC-C13EU-3B-183	Power cord with EU/KR plug, 1.83 m Applicable Models: UPort 207A
PWC-C13CN-3B-183	Power cord with three-prong CN plug, 1.83 m Applicable Models: UPort 207A
PWC-C13US-3B-183	Power cord with US plug, 1.83 m Applicable Models: UPort 207A
PWC-C13JP-3B-183	Power cord with JP plug plug, 7A/125V, 1.83 m Applicable Models: UPort 207A
PWC-C13UK-3B-183	Power cord with UK plug, 1.83 m Applicable Models: UPort 207A
PWC-C13AU-3B-183	Power cord with AU plug, 1.83 m Applicable Models: UPort 207A

DIN-Rail Mounting Kits

DK-UP-42A	DIN-rail mounting kit for the UPort 400A/200A Series, 107 x 29 mm (4.21 x 1.14 in), with 4 M3 x 5 mm screws
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Wall-Mounting Kits

WK-UP200A-BOT-SI	Bottom-panel wall-mounting kit for the UPort 200A Series, 43 x 30 x 2 mm (1.69 x 1.18 x 0.08 in), with 2 plates and 6 M3 x 5 mm screws
WK-UP200A-BAK-SI	Rear-panel wall-mounting kit for the UPort 200A Series, 60 x 27 x 2 mm (2.36 x 1.06 x 0.08 in) with 2 plates and 6 M3 x 5 mm screws

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