# **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
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



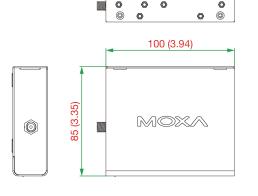
### **Dimensions**

#### UPort 204A

Unit: mm (inch)

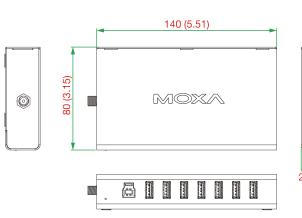


Unit: mm (inch)



**a 1 1 1 1** 







# **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
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

### **Wall-Mounting Kits**

WK-UP200A-BOT-SI	Bottom-panel wall-mounting kit for the UPort 200A Series, $43 \times 30 \times 2$ 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, $60 \times 27 \times 2 \text{ mm}$ ( $2.36 \times 1.06 \times 0.08 \text{ in}$ ) with 2 plates and $6 \text{ M3} \times 5 \text{ mm}$ screws

© Moxa Inc. All rights reserved. Updated Jan 12, 2023.

This document and any portion thereof may not be reproduced or used in any manner whatsoever without the express written permission of Moxa Inc. Product specifications subject to change without notice. Visit our website for the most up-to-date product information.

