

Technical Data Sheet Rev 10-261007

20 Port USB 2.0 Type-C Industrial High Power 3A Charger Hub

Model Number: **USB-20XU2CH3A**



Features

- Sync and charge up to 20 tablets, phones, netbooks, or other USB-C devices for high-capacity charging in classrooms, businesses, and industrial environments.
- USB hub is 2.0 compliant, ensuring super-fast 480Mbps data transfer speeds and backwards compatible with USB 1.1 devices.
- Features a Green Energy function which shuts down the hub when not in use to conserve power.
- Includes ESD surge protection, over-current, and over-temperature safeguards on each port for device safety.
- Port status LEDs provide clear, real-time monitoring of charging status.

Package Contents

- Hub
- Mounting Bracket
- Power Cable
- Power Supply
- Screw Pack
- USB Cable

OVERVIEW

SKU	USB-20XU2CH3A
UPC	045079165748
Country of Origin	Taiwan
Manufacturer	Coolgear
Warranty	One Year
Product URL	https://www.coolgear.com/product/20-port-usb-2-0-type-c-industrial-high-power-3a-charger-hub

PHYSICAL

Item Dimensions (Inches) (LxWxH)	10.67 x 4.13 x 1.76
Package Dimensions (Inches) (LxWxH)	12.25 x 7.00 x 6.30
Item Weight (lbs)	2.35 lbs

PHYSICAL

Package Weight (lbs)	7.84 lbs
Color	Black
Material of Construction	Steel
Mounting Style	Desktop, Surface Mount

TECHNICAL DATA

LED Indicators	Activity, Port Status, Power
Chipset	FE1.1S, FE2.1

PACKAGE CONTENTS

Cable Included?	Yes
Included Cable Length (Inches)	39 inches / 3.3 feet
Included Cable Specification	USB 2.0 (480Mbps)
Included Cable Type	USB Type C to Type C (Charging) Cable
Power Supply Included?	Yes
Power Adapter Output Voltage	19V
Power Adapter Output Current	15.75A

CONNECTIONS

USB Specification	USB 2.0 (480Mbps)
Connector Types Combined	USB 2.0 Type C Female
Downstream Port	20x Type C (Charging)
Upstream Port	1x Type C USB 2.0
Screw Lock Compatible	No

POWER

Works as Standalone Charger (Does Not Require Host)	Y - Can be used without Host
Power Input Connector Type	Molex 6-pin
Input Voltage Range (V DC)	19V DC
Maximum Power (W)	240W
Maximum Per Port Draw	3.4A
Over Current Protection	Yes
ESD Protection	15kV (air), 8kV (contact)
Charging Protocols	Apple Charge 2.4A, BC 1.2, CDP, DCP, Samsung

TECHNICAL DATA

Charging Downstream Port (CDP) Support	Yes
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Dedicated Charging Port (DCP) Support	Yes
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ENVIRONMENTAL

Operating Temperature	0C ~ 40C
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Storage Temperature	0C ~ 60C
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Humidity	0% ~ 80% (non-condensing)
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OS / SOFTWARE

OS Compatibility	• Windows 11 • Windows 10 • Windows 8 • Windows 7 • Linux • Mac OS
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USB CHARGING & CONNECTIVITY EXPERTS

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