



Thunderbolt3 Cables

Datasheet

JTCX01/JTCX02/JTCX03



JTCX01: Thunderbolt3 Cable



JTCX02: Thunderbolt3 Cable



JUCX03: Thunderbolt3 Active Cable

Introduction

The JTCX01/JTCX02/JTCX03 Thunderbolt3 cables let you connect to any Thunderbolt 3 USB Type-C port for data transfer and display to your Thunderbolt, USB and DisplayPort devices. It is equipped with power delivery for charging your devices, and you can link up to six Thunderbolt 3 devices as part of a daisy-chained connection.

Thunderbolt 3 uses the USB Type-C connector to deliver faster speed(40Gbps), more pixels(two 4k), higher power(up to 100w), and more protocols(Thunderbolt,USB,DisplayPort, and PCIE).

Features

- ✧ Thunderbolt-certified
- ✧ Small reversible connector
- ✧ High durability and versatility
- ✧ Data transfer up to 40 Gbps (JTCX01/JTCX03);20Gbps(JTCX02)
- ✧ Supports 5k@60Hz or Dual 4K@60Hz (JTCX01/JTCX03);4K@ 60Hz(JTCX02)
- ✧ Compatible with USB 3.1 Gen 2 10 Gbps, USB 3.0 5 Gbps(JTCX01/JTCX02), USB 2.0 480 Mbps(JTCX01/JTCX02/JTCX03)
- ✧ Supports USB Power delivery up to 100W

System requirement:

- ✧ Note: JTCX03 does not support native DisplayPort 1.2. You cannot connect your laptop directly to a DisplayPort monitor.

Package Contents

- ✧ USB Type-C Cable

Physical Specifications

JTCX01		
Interface		
Interface	Thunderbolt 3 Type-C(24-pin) Male to Thunderbolt 3 Type-C(24-pin) Male	
Function Specifications		
Data rate	Up to 40 Gbps	
USB Compatible	USB 3.1 Gen 2 10 Gbps, USB 3.0 5 Gbps, USB 2.0 480 Mbps	
Max Current	Max 100 Watts/5Amps	
Physical Specifications		

Housing Material	Plastic
Dimensions	Cable length: 1.65 ft/50 cm
Weight	Approximately 29g
Environmental	
Storage Temperature	-10-65°C
Storage Humidity	< 85% non-condensing
Operation Temperature	0-50°C
Operation Humidity	< 85% non-condensing

JTCX02	
Interface	
Interface	Thunderbolt 3 Type-C (24-pin) Male to Thunderbolt 3 Type-C (24-pin) Male
Function Specifications	
Data rate	Up to 20Gbps
USB Compatible	USB 3.1 Gen 2 10 Gbps, USB 3.0 5 Gbps, USB 2.0 480 Mbps
Max Current	Max 100 Watts/5 Amps
Physical Specifications	
Housing Material	Plastic
Dimensions	Cable length: 3.3 ft /100 cm
Weight	Approximately 50 g
Environmental	
Storage Temperature	-10-65°C
Storage Humidity	< 85% non-condensing
Operation Temperature	0-50°C
Operation Humidity	< 85% non-condensing

JTCX03	
Interface	

Interface	Thunderbolt 3 Type-C (24-pin) Male to Thunderbolt 3 Type-C (24-pin) Male
Function Specifications	
Active Chip	Yes
Data rate	Up to 40Gbps
USB Compatible	USB 2.0 480 Mbps
Max Current	Max 100 Watts/5 Amps
Physical Specifications	
Housing Material	Plastic
Dimensions	Cable length: 3.3 ft/100 cm
Weight	Approximately 56 g
Environmental	
Storage Temperature	-10-65°C
Storage Humidity	< 85% non-condensing
Operation Temperature	0-50°C
Operation Humidity	< 85% non-condensing

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Limited Warranty

j5create offers a limited 1-year warranty. User's wear & tear damage is not included.

The user shall call or email j5create customer service with the defect information of the product and obtain a return authorization number.

Users are responsible for one way return freight cost and we will take care of one way freight back.

In order to obtain a return authorization, user should have the following information handy when calling or emailing the service team:

- (i) a copy of original purchase invoice to verify your warranty
- (ii) a product serial number
- (iii) a description of the problem
- (iv) customer's name, address, and telephone number

j5create does not warrant that the operation of the product will be uninterrupted or error-free. j5create is not responsible for damage arising from failure to follow instructions relating to the product's use. This warranty does not apply to:(a) consumable parts, unless damage has occurred due to a defect in materials or workmanship; (b) cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (c) damage caused by use with non-j5create products; (d) damage caused by natural disasters (flood, fire, earthquake, lightning strike, typhoon etc.,); (e) damage caused by human misuse (lost, accident, abuse, misuse or other external causes); (f) damage caused by operating the product outside the permitted or intended uses described by j5create; (g) damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of j5create or a j5create authorized service provider; (h) a product or part that has been modified to alter functionality or capability without the written permission of j5create; or (i) if any j5create serial number on the product has been removed or defaced.

If such a situation occurs, j5create will calculate the cost of materials and repair for your reference.

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