

# 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	
<b>Interface</b>	
Interface	Thunderbolt 3 Type-C (24-pin) Male to Thunderbolt 3 Type-C (24-pin) Male
<b>Function Specifications</b>	
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
<b>Physical Specifications</b>	

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

JTCX02	
<b>Interface</b>	
Interface	Thunderbolt 3 Type-C (24-pin) Male to Thunderbolt 3 Type-C (24-pin) Male
<b>Function Specifications</b>	
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
<b>Physical Specifications</b>	
Housing Material	Plastic
Dimensions	Cable length: 3.3 ft /100 cm
Weight	Approximately 50 g
<b>Environmental</b>	
Storage Temperature	-10-65°C
Storage Humidity	< 85% non-condensing
Operation Temperature	0-50°C
Operation Humidity	< 85% non-condensing

JTCX03	
<b>Interface</b>	

Interface	Thunderbolt 3 Type-C (24-pin) Male to Thunderbolt 3 Type-C (24-pin) Male
<b>Function Specifications</b>	
Active Chip	Yes
Data rate	Up to 40Gbps
USB Compatible	USB 2.0 480 Mbps
Max Current	Max 100 Watts/5 Amps
<b>Physical Specifications</b>	
Housing Material	Plastic
Dimensions	Cable length: 3.3 ft/100 cm
Weight	Approximately 56 g
<b>Environmental</b>	
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, lighting 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.

This warranty is given by j5create in lieu of any other warranties expressed or implied.

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