CalDigit

CONNECT 10·G

THUNDERBOLT™

USER GUIDE

For more information visit www.CalDigit.com

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1. Introduction

CalDigit's high-performance Thunderbolt™ 3 10GbE Adapter brings next-level 10GbE to Thunderbolt™ 3 enabled Mac and Windows laptops. For users looking to connect their latest Thunderbolt™ 3 computers to a server or Local Area Network, the Connect 10G not only brings performance up to 10Gb/s, it also connects over distances of 100 meters.

2. Product Diagram

Thunderbolt™ 3

CalDigit
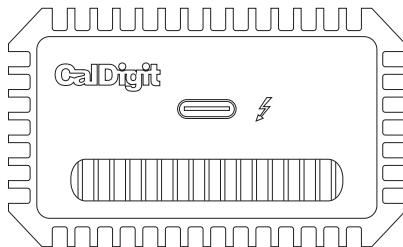
RJ45 10 Gbps
Ethernet

NBASE-T
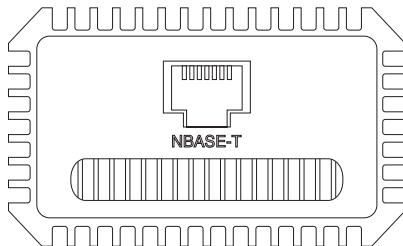
3. General Use Warnings

- Please read the Thunderbolt™ 3 Connect 10G manual thoroughly and familiarize yourself with the product before use.
- Avoid using the Thunderbolt™ 3 Connect 10G in extremely hot and cold environments. A safe temperature range is between 32°F ~ 104°F (0°C ~ 40°C).
- Avoid using the Thunderbolt™ 3 Connect 10G in humid environments. Moisture and condensation can accumulate in the device and cause damage to the electrical components.

4. Using the Connect 10G

Using the Connect 10G on macOS

1. Connect the supplied Thunderbolt™ 3 Cable to the Thunderbolt™ 3 port on your Connect 10G and then connect it to the Thunderbolt™ 3 port on your Thunderbolt™ 3 enabled computer.
2. Connect the Ethernet cable to the RJ45 Ethernet port on the back of the Connect 10G.
3. You are now connected to a 10GbE Network.

Using the
Connect 10G for
Windows

1. Download and install the CalDigit 10G Windows Driver from CalDigit.com/support

2. Connect the supplied Thunderbolt™ 3 Cable to the Thunderbolt™ 3 port on your Connect 10G and then connect it to the Thunderbolt™ 3 port on your Thunderbolt™ 3 enabled computer.

3. Thunderbolt™ Connection Authentication: Click on the Windows system tray, and bring up Thunderbolt™ Software. Check if the CalDigit Connect 10G status indicates "Connected", if not, click on "Not Connected" and change it to "Always Connect" from the pop-up window.

4. Connect the Ethernet cable to the RJ45 Ethernet port on the back of the Connect 10G.   You are now connected to a 10GbE Network.

LED
Indicators

The lights on the 10GbE port allow you to access vital information about the status of your Connect 10G.

Speed LED ●————⊏⊓⊓⊓⊓⊐————● Link / ACT LED

NBASE-T
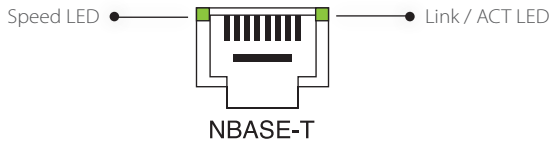
	Speed LED	Link / ACT LED
10G	Green	Blinking Green
5G /2.5G / 1G / 100M	Yellow	Blinking Green
No Traffic	Off	Green

Compatible Cables

Thunderbolt™ 3

Only use certified 40Gb/s Thunderbolt™ 3 cables with the Connect 10G. USB-C 10Gb/s cables are not compatible.

Ethernet

The following Ethernet cables are compatible with the Connect 10G.

	Connect 10G Compatibility	Max. Transmission Speed
Cat 3	v	10Mbps
Cat 5	v	100Mbps
Cat 5e	v	1Gbps
Cat 6	v	1Gbps
Cat 6a	v	10Gbps
Cat 7	v	10Gbps

Standard Twisted Pair cable Speed

NBASE-T	Speed (Mbit/s)	Max. Distance(m)	Cable reg.	Cable rating (MHz)
100BASE-TX	100	100	Cat 5	100
1000BASE-T	1,000	100	Cat 5e	100
2.5GBASE-T	2,500	100	Cat 5e	100
5GBASE-T	5,000	100	Cat 6	250
10GBASE-T	10,000	100	Cat 6a	500

Tech
Specs

Interface
- 1 x Thunderbolt™ 3
- 1x RJ45 10GbE

NBASE-T
- 10GBASE-T/5GBASE-T/2.5GBASE-T/ 1000BASE-T/100BASE-TX

LED Indicators
- Dual color Speed LED
- Single color Link/Act LED

Power Supply
- Bus-powered

Power Consumption
- 7.7W at 10Gbps, 5.3W Idle

System Requirements
- Thunderbolt ™ 3 computers
- macOS 10.13.6 or later
- Windows 10 or later

Dimensions
- 3.83"x2.79"x1.69" (97.4x71x43 mm)

Weight
- 0.77 lbs (0.35 kg)

In The Box
- Connect 10G
- Thunderbolt™ 3 Cable

5. Technical Support & Warranty Information

Technical Support

If you run into any issues while using your Connect 10G please contact CalDigit

Technical Support.
- Email: support@caldigit.com
- Phone: (714) 572-6668
- Website: https://www.CalDigit.com/Support

When contacting CalDigit Technical Support, make sure to be at your computer and have the following information available:
1. Your Connect 10G serial number
2. Operating system and version
3. Computer make and model
4. Network setting and environment. DHCP, Ethernet router, switch, or hub information, network cable.

Warranty Information
- The Connect 10G is covered by a 2-year limited warranty.
- For detailed CalDigit warranty information please visit our website : https://www.CalDigit.com/Warranty

Please visit www.CalDigit.com for more information on all CalDigit products.