



# THUNDERBOLT™



## TB3-S2

雷电3多功能扩展坞  
Thunderbolt 3 Multifunctional  
Docking Station

使用说明  
User Manual

感谢您选择ORICO!

在您使用本产品前,请仔细阅读这一份使用说明书!

## 产品清单

1.产品本体.....	1PCS
2.数据线.....	1PCS
3.电源适配器.....	1PCS
4.电源线.....	1PCS
5.使用说明书.....	1PCS

## 产品简介

ORICO TB3-S2通过Thunderbolt3接口为您的PC扩展出一个Thunderbolt3接口DP接口1.4×1; USB3.1 Gen 2 10Gbps A×1; USB3.1 Gen 1 5Gbps A×2; USB3.1 Gen 2 10Gbps Type-C×1; 10/100/1000M 千兆网口×1; 耳机输出/麦克风组合座×1。满足PC日常音频及数据传输需求  
外壳采用全金属设计,阳极氧化,结构简约稳重且兼顾强大的散热功能。

## 规格参数

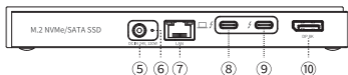
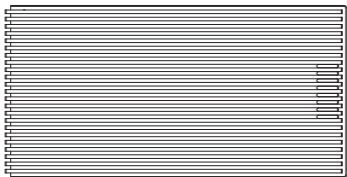
产品型号	TB3-S2
产品尺寸	188(L)×95(W)×24(H)mm
产品材质	铝合金
表面处理	阳极氧化处理
输入接口	Thunderbolt 3
输出接口	USB-A(5Gbps)×2、USB-A(10Gbps)×1、 USB-C(10Gbps)×1、DP1.4×1、网口×1、 耳机/麦克风×1、Thunderbolt3
DC 电源	24V --- 5A ， 120W
支持系统	Windows 10及以上、Mac OS

## 产品特点

1. 高性能扩展定义，千兆网口、Thunderbolt 3接口，USB3.0、3.1数据接口，DP接口，数据视频传输、网络体验、充电协议均为高性能标准。
2. Thunderbolt 3接口理论速率40Gbps，可向下串联5层雷电3设备；给笔记本充电最大可支持60W；Type-C接口支持理论速率10Gbps。
3. DP接口支持8K@60Hz分辨率。
4. 蓝色USB3.0接口支持理论速率5Gbps。
5. RJ45网口支持10/100/1000Mbps自适应网络带宽。

6. 内置2个M.2 SSD 卡槽,支持NVMe、SATA协议的M.2 SSD。
7. 外接DC供电24V $\pm$ 5A(120W),可支持给笔记本最大60W的功率充电,保障设备的正常运行。
8. 支持普通耳机、音响、麦克风等设备。
9. 阳极氧化铝合金外壳,结构设计新颖,造型简约美观。
10. 适用Thunderbolt 3接口笔记本,兼容Windows 10及以上、Mac OS。

## 产品图示

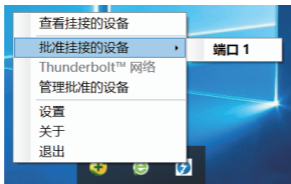


- |                         |                         |
|-------------------------|-------------------------|
| ① USB-A(5Gbps)          | ② USB-A(10Gbps)         |
| ③ USB-C(10Gbps)         | ④ Audio/Mic             |
| ⑤ 电源接口                  | ⑥ 指示灯                   |
| ⑦ 网口                    | ⑧ Thunderbolt 3(PD 60W) |
| ⑨ Thunderbolt 3(PD 15W) | ⑩ DP 8K                 |

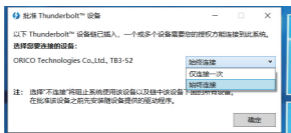
## 注意事项

- 1、Thunderbolt 3接口可以向下兼容Type-C接口，可连接Type-C接口的设备使用，但是没有雷电3协议速度会受限制。
- 2、TB3-S2扩展坞需要在主机设备有Thunderbolt 3协议的情况下才能发挥出Thunderbolt 3的高速性能。在没有Thunderbolt 3协议的主机上，性能局限于主机本身的性能。
- 3、铝合金外壳具有良好的散热性能，在使用过程中外壳温度较高属于正常现象，说明热量已散发到外壳表面。
- 4、因产品两侧有散热孔设计，尽量避免在灰尘较多的环境中使用，在长时间不使用时请收纳好。
- 5、在拔掉扩展坞或者拔掉扩展坞上插入的设备前请手动弹出设备，避免可能出现的数据损坏。
- 6、在Windows系统下使用时，首次连接需要手动选择挂载设备，否则无法使用。如图所示：

步骤一:右击右下角的雷电图标,选择批准挂接的设备。



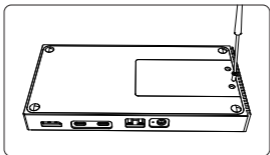
步骤二:选择始终连接,然后确定。



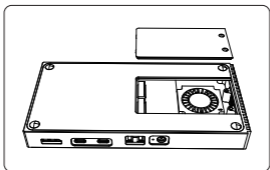
## 安装指南

本产品支持NVMe、SATA协议的M.2 SSD, 安装示意图如下(SSD需另外购买)

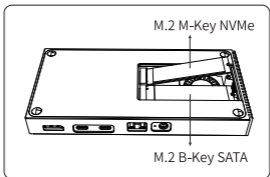
① 用螺丝刀拧开产品背后的螺丝。



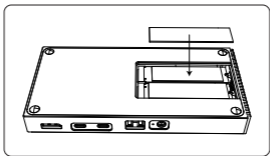
② 打开后盖。



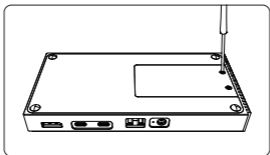
③ 将M.2 SSD插入M.2接口 (左边卡槽支持SATA协议SSD, 右边支持卡槽支持NVMe协议SSD)。



- ④ 将硅胶导热垫贴在SSD上。



- ⑤ 盖上后盖, 拧上螺丝, 即安装完成。



## 安全须知

1. 请勿撞击、扔掷、针刺本产品，并避免跌落、挤压、弯曲产品。
2. 请勿在潮湿环境中使用或储存本产品，并避免本产品被液体浸湿或冲洗。
3. 请勿在高温、高粉尘环境中使用产品，并远离火源。
4. 请勿将本产品放置在日光中曝晒。



5. 请勿将本产品置于有腐蚀性物品的环境，严禁使用其他化学溶液清洗本产品。
6. 请勿将产品及附件放置于具有强大电磁场的器具中，以及远离磁性设备。
7. 请将产品及附件放在儿童触摸不到的地方，请勿让儿童在无人监管的情况下使用产品。
8. 请勿擅自拆卸和维修产品及附件，只有授权机构才可维修本产品。
9. 如需要配备电源适配器的产品，请使用本公司指定的电源适配器。
10. 本产品使用过程中如有任何问题，可随时与您的经销商或ORICO客户服务中心联系。

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2. 自签收起8-15日内，产品出现性能故障并由ORICO客户服务中心鉴定之后，可享受换货或免费维修服务。

3. 自签收之日起12月内，产品出现性能故障并由ORICO客户服务中心鉴定之后，可享受免费维修服务。

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3. 水灾、火灾、雷击、地震等不可抗力造成的损坏。
4. 与本使用说明不一致的错误操作。
5. 产品或包装盒条码与实物不符，以及被涂改、撕毁。
6. 未经授权使用非原装配件造成的损坏。
7. 无有效的购买凭证。

## 声明

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感谢您购买ORICO产品，为了更好的使用本产品的所有功能，请您在使用产品之前仔细阅读本使用说明介绍的产品功能、使用说明以及注意事项。

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Thanks for choosing ORICO!

Please read this user's manual carefully before using it!

## What is in the box

1. The Product.....1PCS
2. Data Cable.....1PCS
3. Power Adapter.....1PCS
4. Power Cord.....1PCS
5. User Manual.....1PCS

## Product Introduction

ORICO TB3-S2 expands a Thunderbolt 3 interface DP interface 1.4×1 for your PC through Thunderbolt 3 interface. USB3.1 Gen 2 10Gbps A×1. USB3.1 Gen 1 5Gbps A×2. USB3.1 Gen 2 10Gbps Type- C ×1. 10/100/1000M LAN ×1. Headphone output/microphone combo socket ×1. To meet the daily audio and data transmission needs of PCs, the shell adopts all-metal design, anodized, simple and stable structure with strong heat dissipation function.

## Specifications

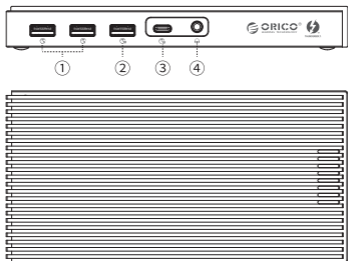
Model	TB3-S2
Dimensions	188(L)×95(W)×24(H)mm
Material	Aluminum alloy
Surface Process	Anodic Oxidation
Input	Thunderbolt 3
Output	USB-A(5Gbps)×2、USB-A(10Gbps)×1、 USB-C(10Gbps)×1、DP1.4×1、LAN×1、 Audio/Mic×1、Thunderbolt 3
DC IN	24V $\overline{\text{---}}$ 5A , 120W
Supported System	Windows 10 and above, Mac OS

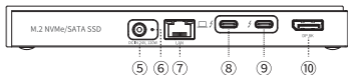
## Product features

1. Defining high-performance expansion, RJ45 port, Thunderbolt 3 interface, USB3.0/3.1 data interface, DP interface, data transmission, network access and charging protocol are all high-performance standards.
2. The Thunderbolt 3 interface has a theoretical rate of 40 Gbps and can be cascaded downward to a 5-layer Thunderbolt 3 devices. Charge your laptop up to 60W. The Type-C interface supports a theoretical rate of 10 Gbps.

3. DP interface support to 8K@60Hz resolution.
4. USB3.0 port support to 5Gbps transmission rate.
5. LAN port support to 10/100/1000Mbps adaptive network bandwidth.
6. Built-in 2 M.2 SSD drive slots, supporting M.2 SSD with NVMe and SATA protocol.
7. External DC power, 24V $\overline{=}$ 5A(120W), which can support the maximum power charging of 60W for the notebook to ensure the operation of devices.
8. Support normal earphone, speaker, microphone.etc.
9. Product adopts anodized aluminum alloy.
10. Applicable to Thunderbolt 3 interface, compatible with operation systems of Windows 10 and above, Mac OS.

## Product Illustration





- |                         |                         |
|-------------------------|-------------------------|
| ① USB-A(5Gbps)          | ② USB-A(10Gbps)         |
| ③ USB-C(10Gbps)         | ④ Audio/Mic             |
| ⑤ DC Power Port         | ⑥ Power Indicator       |
| ⑦ LAN                   | ⑧ Thunderbolt 3(PD 60W) |
| ⑨ Thunderbolt 3(PD 15W) | ⑩ DP 8K                 |

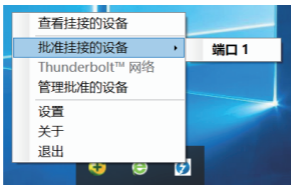
## Attention

1. Thunderbolt 3 interface can backward compatible with Type-C interface, able to connect with Type-C interface devices, but the speed will be limited without Thunderbolt 3 protocol.
2. TB3-S2 docking station can only provide high-speed performance when the Thunderbolt 3 protocol on the devices. Performance is limited to the performance of the device itself when without Thunderbolt 3 protocol.
3. The aluminum alloy casing has good heat dissipation performance, and it is normal for the casing temperature to be high during use, indicating that heat has been dissipated to the surface of the casing.
4. Because there are cooling holes on both sides of the

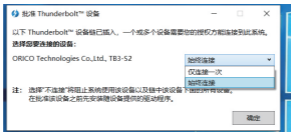
product, try to avoid using it in a dusty environment. Please store it when not in use for a long time.

5. Manually eject the device before unplugging the dock or unplugging the device inserted in the dock to avoid possible data damage.
6. Under Windows systems, it needs to manually select the connecting device for the first time connection, otherwise it cannot be use normally.As shown below:

Step1: Right click the Thunderbolt icon in the lower right corner and select the approved connected device。



Step2: Choose "always conncet" then click "OK"

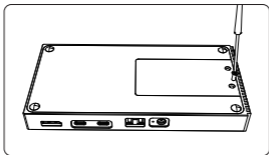




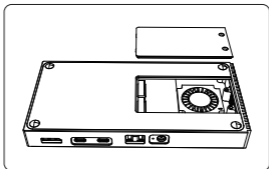
# Installation Guide

Supports NVMe、SATA protocol M.2 SSD, The installation diagram is as follows (SSD needs to be purchased separately)

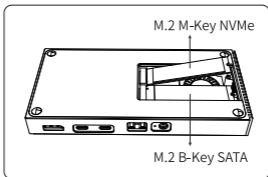
- ① Unscrew the enclosure with the screw-driver.



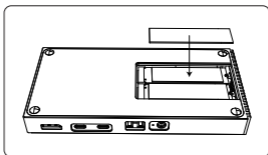
- ② Open the lid.



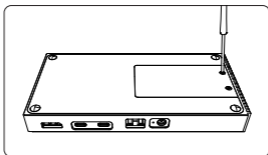
- ③ Insert the M.2 SSD into the M.2 interface (the drive slots on the left supports SATA protocol SSD, and the drive slots on the right supports NVMe protocol SSD ).



- ④ Stick the silicon thermal pad on the top of the SSD.



- ⑥ Put back the lid, Fix the screw, then the installation completed.



## Notice

1. Please do not hit, throw, or puncture the product, and avoid dropping, squeezing, or bending.
2. Please do not use or store this product in a humid environment and avoid being wetted or rinsed with liquids.
3. Please do not use the product in a hot, high-dust environment and keep it away from fire.
4. Please do not expose this product to the sun.
5. Please do not place this product in a corrosive environment. Do not use other chemical solutions to clean the product.
6. Please do not place the product or accessories in appliances with strong electromagnetic fields and away from magnetic equipment.
7. Please keep the product and accessories away from children. Do not allow children to use the product without supervision.
8. If you need a product with a power adapter, please use the power adapter specified by our company.
9. Please do not disassemble and repair the product or accessories without the authorization of ORICO.
10. If you have any questions during the use of this product, please feel free to contact your dealer or ORICO Customer Service Center.

## Declaration

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## FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



官方网站



Website

发行版本: TB3-S2-MUG-R0

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