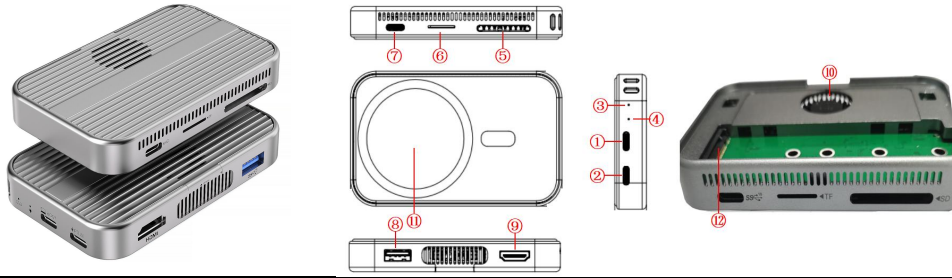


Product pecification

Model: DS037

Product Name: Type-C TO Type-C PD+1*HDMI+1*Type-C+SD+TF+1*USB3.2-A+M.2

Image



Product Description

port	port name	mark	Parameter description
Uplink:	USB-C	①	1*Type-C USB3.2 full-featured, maximum transfer rate of 10Gbps (backward compatible), support PD3.0 protocol, can be charged to uplink computers or mobile phones, maximum 90W, dynamic withholding, support DP Alt Mode 1.4;
	PD	②	1*Type-C PD input, support PD3.0 protocol, maximum input 100W;
Downlink:	DC	③	-----
	USB-C	⑦	1*USB3.2 Gen2, the maximum transfer rate is 10Gbps (backward compatible with USB3.0/USB2.0);
	USB-A	⑧	1*USB3.2 Gen2, the maximum transfer rate is 10Gbps (backward compatible with USB3.0/USB2.0);
	HDMI	⑨	1*HDMI video output, support maximum video resolution refresh rate: 4096*2160/60Hz (backward compatible), support HDCP 1.4/2.2;
	DP	⑩	-----
	VGA	⑪	-----
	RJ45	⑫	-----
	Audio	⑬	-----
	SD	⑭	1*SD card slot, support UHS-I transmission standard and compatible with Speed Class transmission standard, SD 3.0 rate (104MB/s), support SDXC, SDHC, SD, MMC, RS-MMC Card (card pop-up card can be displayed with TF);
	TF	⑮	1*TF card slot, support UHS-I transmission standard and compatible with Speed Class transmission standard, TF 3.0 rate (104MB/s), support Micro SDXC, Micro SD, Micro SDHC Card (card pop card can be displayed with SD);
	M.2	⑯	1*M.2 M-Key slot interface, support NVMe Express protocol, support AHCI SATA M.2, support PCIe Gen3 x2, support SSD size: 2230/2242/2260/2280, support up to 8TB SSD;
M.2 status indication		⑰	1*M.2 status indication LED, insert SSD LED on, transmission flashing;
LED indication		⑱	1*Power LED;
Magnetic area		⑲	Devices such as iron shells that can be attached to mobile phones or computers;

Product Introduction:

- [7-in-1 USB3.2 Gen2 Multi-function Docking Station + M.2 SSD Enclosure], plug and play. With this USB C multi-function docking station, you will get 1*M.2 SSD dual-protocol hard drive enclosure, 1*4K HDMI, 1 USB C port (support 10Gbps data transfer), 1*USB 3.2 (10Gbps), PD input (support 100w power transfer), SD/TF card reader;
- [4K HD Projection Docking Station], support 4K60Hz HD projection, can be the same screen or split screen, wider field of view, expand the split screen for convenient office, connect TV projectors/monitors and other office meetings for easy display.
- 【M.2 SSD Enclosure】Support M.2 M-Key slot interface, support NVMe Express/AHCI SATA M.2 dual protocol, support SSD size: 2230/2242/2260/2280, up to 8TB SSD;
- 【Fast Data Transfer and PD Charging Port】USB-C 3.2 no longer distinguishes between data transfer and fast charging ports, and realizes 10Gb/s high-speed data transfer and PD charging at the same time. This computer dock supports 100W PD charging (this dock will take up 10W of power, so the laptop will only charge 90W of power).
- 【SD/TF Card Reader】The docking station supports SD/TF card reading, and the card pop-up symbol can be SD/TF displayed at the same time;
- Aluminum alloy material + built-in cooling fan, double-layer heat dissipation, rapid heat export, durable and environmentally friendly, stable transmission, good compatibility.
- The shape is exquisite and beautiful, fashionable, high-end and atmospheric.
- 【Mobile Phone Magnetic Docking Station】is designed with a special mobile phone magnetic surface, which can be adsorbed on mobile phones and other devices, making it convenient and quick to expand device connection;

Product appearance

Item	Detailed Description
Material/Color	Aluminium alloy/grey
Size	99.5*61.6*14.9MM
Cable	

Main chip description

IC	Function
GL3590	HUB3.2 chip
GSV2201S	Display chip
GL3231	Card reader chips
RTL9210B	Hard drive enclosure chip

USB-C DP Alt Mode (DP1.4) MST

Item	HDMI	Remark
1	3840*2160/60Hz	Single video output

USB-C DP Alt Mode (DP1.2) MST

Item	HDMI	Remark
1	3840*2160/30Hz	Single video output

Environment test

Item	Detailed Description
Operation Temperature	0℃ to +40℃
Storage Temperature	-10℃ to +55℃
High & Low Humidity	5% to 90 % RH (no condensation)
Certification	CE

Compatible systems and equipment

Item	Detailed Description
Compatibility Tested by	Apple MacBook Pro(2015/2016/2017/2018/2019);Surface Pro (windows 10), 18362.1016; Asus Zen Book (windows 10), 18362.418
Operating System Support	Mac OS X 10.X and future releases. Windows 7/8/10/11 32 and 64 bit and future releases, Linux,Android
Computer equipment	Tablets, desktops, laptops with TYPE C ports which support DP output, Smartphones

Packing instructions

Type	Detailed Description
Product	IPC
Manual	TBD
Cable	
Accessories package	Silicone plug 6.4X8.3MM 2PCS heat dissipation silicone pad 68x19.4x1MM 2PCS
Package Box	TBD

Notice

WP-E-029 Rev.3A0

- 1、This product only supports computers and mobile phones that can be used on Thunderbolt 3 computers or USB-C DP Alt mode

2、When using, make sure that the PIN pin in the product does not sag or bend to avoid affecting the plugging and unplugging

3、Be careful not to splash liquid into the connector when using it, so as not to affect its performance

4、The product should be placed in a dry place, not in a humid environment

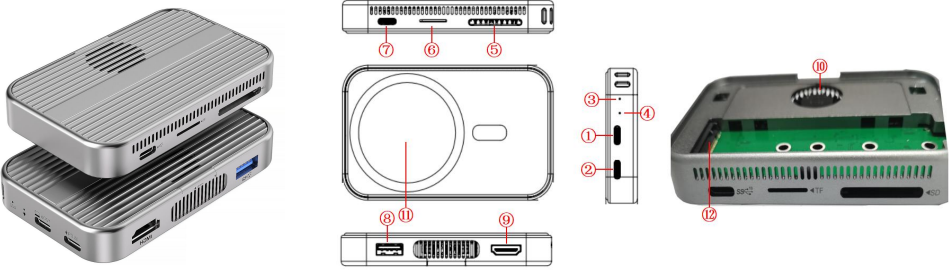
5、All interface full-load or USB load high-power devices must be connected to PD and then connected to high-power devices, otherwise there is a risk that the drawer will not be able to function normally (splash screen, cannot cast screen) or the device will not be recognized.

6、Product connector interface hot-plug interval of at least 10 seconds (with the product used)

Prepared by: Xiejingmin

Reviewed by: Liuzhenhua

Approved by:

PURPLELEC 博 德 越 深圳市博德越科技有限公司	
产品规格书	
Model: DS037 Product Name:Type-C TO Type-C PD+1*HDMI+1*Type-C+SD+TF+1*USB3.2-A+M.2	
产品图片	
产品描述简介	
端口	端口名称 标记 参数描述
上行口:	USB-C ① 1*Type-C USB3.2全功能, 最大传输速率为10Gbps(向下兼容), 支持PD3.0协议,可向上行端电脑或手机充电,最大90W,动态预扣,支持DP Alt Mode 1.4;
下行口:	PD ② 1*Type-C PD输入, 支持PD3.0协议, 最大支持输入100W;
	DC ———
	USB-C ⑦ 1*USB3.2 Gen2, 最大传输速率为10Gbps(向下兼容USB3.0/USB2.0);
	USB-A ⑧ 1*USB3.2 Gen2, 最大传输速率为10Gbps(向下兼容USB3.0/USB2.0);
	HDMI ⑨ 1*HDMI视频输出, 支持最大视频分辨率刷新率:4096*2160/60Hz(向下兼容)支持HDCP 1.4/2.2;
	DP ———
	VGA ———
	RJ45 ———
	Audio ———
	SD ⑤ 1*SD卡槽, 支持UHS-1传输标准及兼容Speed Class传输标准, SD 3.0速率(104MB/s), 支持SDXC, SDHC, SD, MMC, RS-MMC Card(插卡弹盘符 可与TF同显);
	TF ⑥ 1*TF卡槽, 支持UHS-1传输标准及兼容Speed Class传输标准, TF 3.0速率(104MB/s), 支持Micro SDXC, Micro SD, Micro SDHC Card(插卡弹盘符 可与SD同显);
	M.2 ⑫ 1*M.2 M-Key插槽接口, 支持NVMe Express协议, 支持AHCI SATA M.2, 支持PCIe Gen3 x2, 支持SSD尺寸: 2230/2242/2260/2280, 最大支持8TB SSD;
M.2状态指示 ③ 1*M.2状态指示LED, 插入SSD LED亮, 传输闪烁;	
LED指示 ④ 1*电源LED;	
磁吸区域 ⑪ 可以吸附于手机或电脑的铁外壳等设备;	
产品简介:	
1、【7合1 USB3.2 Gen2多功能扩展坞+M.2 SSD硬盘盒】,即插即用。 有了这款USB C多功能扩展坞,您将获得1*M.2 SSD双协议硬盘盒, 1*4K HDMI, 1个USB C端口(支持10Gbps数据传输), 1*USB 3.2(10Gbps), PD输入(支持100w功率传输), SD/TF读卡器;	
2、【4K高清投屏扩展坞】, 支持4K60Hz高清投屏, 可同屏也可分屏, 视野更开阔, 拓展分屏便捷办公,连接电视投影仪/显示器等办公会议轻松展示。	
3、【M.2 SSD硬盘盒】支持M.2 M-Key插槽接口, 支持NVMe Express/AHCI SATA M.2双协议, 支持SSD尺寸: 2230/2242/2260/2280, 最大支持8TB SSD;	
4、【快速数据传输和PD充电端口】USB-C 3.2不再区分数据传输和快速充电端口, 同时实现10Gb/s高速数据传输和PD充电。 这款电脑扩展坞支持100W PD 充电(这款扩展坞将占用 10W 功率,因此笔记本电脑充电仅为 90W 电源)	
5、【SD/TF读卡】扩展坞支持SD/TF读卡, 插卡弹盘符 可SD/TF同显;	
6、铝合金材质+内置散热风扇, 双层散热, 快速导出热量, 耐用环保, 传输稳定, 兼容性好。	
7、造型精致美观,时尚、高端、大气。	
8、【手机磁吸扩展坞】设计专用手机磁吸面, 能吸附于手机等设备, 方便快捷扩充设备连接;	
产品外观规格	
类型	详细描述
Material/Color	铝合金/灰色
Size	99.5*61.6*14.9MM
Cable	
主IC描述	
IC	功能描述
GL3590	HUB3.2芯片
GSV2201S	显示 芯片
GL3231	读卡器芯片
RTL9210B	硬盘盒芯片
USB-C DP Alt Mode (DP1.4) MST	
Item	HDMI Remark
1	3840*2160/60Hz Single video output
USB-C DP Alt Mode (DP1.2) MST	
Item	HDMI Remark
1	3840*2160/30Hz Single video output
环境测试	
类型	详细描述
工作温度	0℃ to +40℃
保存温度	-10℃ to +55℃
高低湿度	5% to 90 % RH (no condensation)
认证	CE
兼容系统及设备	
类型	详细描述
兼容性测试	Apple MacBook Pro(2015/2016/2017/2018/2019);Surface Pro (windows 10), 18362.1016; Asus Zen Book (windows 10), 18362.418
操作系统支持	Mac OS X 10.X and future releases. Windows 7/8/10/11 32 and 64 bit and future releases, Linux,Android
电脑设备	Tablets, desktops, laptops with TYPE C ports which support DP output, Smartphones
包装说明	
类型	详细描述 WP-E-029 版本:A0

产品	1PC
说明书	TBD
线材	*1pcs
辅料包	硅胶塞6.4X8.3MM 2PCS 散热硅胶垫68x19.4x1MM 2PCS
包装盒	TBD
使用注意事项	
1、本产品只支持在雷电3电脑上使用或者是USB-C DP Alt Mode 的电脑和手机 2、使用时确认产品内PIN针无下陷或弯曲现象，以免影响插拔 3、使用时注意不要将液体溅入连接器内，以免影响其使用性能 4、产品需放置在干燥的地方，不要置于潮湿的环境内 5、所有接口全负载或USB负载大功率设备时必须接上PD后再接大功率设备，否则有无法正常抽屜 (闪屏、不能投屏)或不识别设备风险. 6、产品连接器接口热插拔间隔时间至少10秒钟（使用与所用产品）	

Prepared by: Xiejingmin

Reviewed by: Liuzhenhua

Approved by: