

Model: WS-UMD306

Datasheet V1.2

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USB-C Triple Display 12-in-1 MST Aluminum Docking Station with Power Delivery

Winstars WS-UMD306 USB-C Triple Display MST Docking Station has two HDMI ports and one DisplayPort compatible with USB C with 'DisplayPort Alternate mode' (Alt Mode) or Thunderbolt 3/4 port on PC, connecting up to 3 monitors. 2.5G Ethernet connection, 3.5mm headphone and microphone jacks, SD/TF card reader, multiple USB ports, bring you the excellent versatility and increasing productivity. The product suits you well in multiple-monitor scenarios such as meetings, classrooms, stock chart analysis, programming, designing etc.

FEATURES

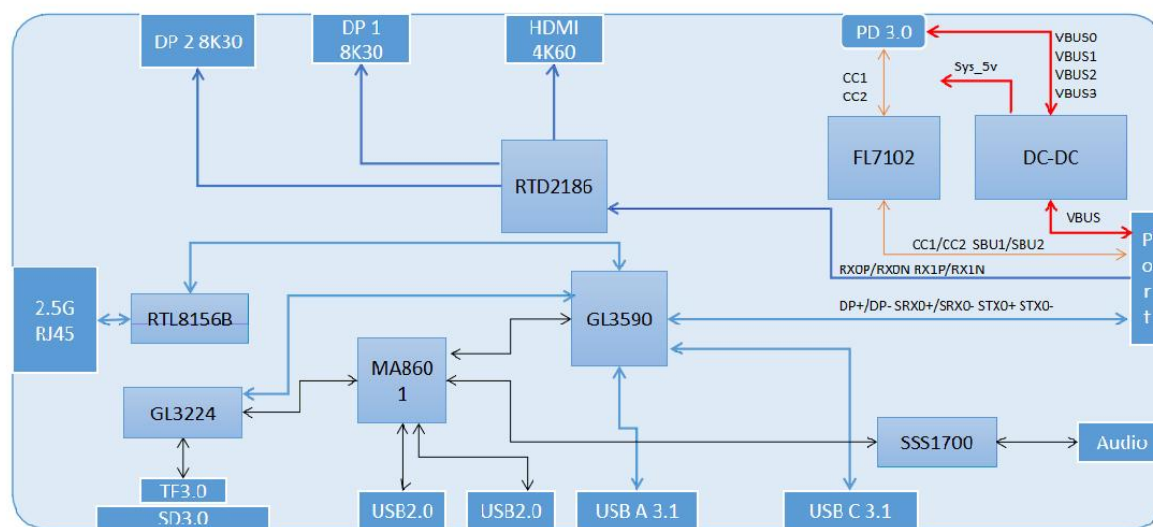
- One HDMI (HDMI 2.0) and two DisplayPorts (DP1.4) support up to single display DP8K@30Hz, dual 4K@60Hz (HBR3, DP1.4) or triple display.
- Supports USB Power delivery (passthrough) for upstream charging to laptop.
- SD V3.0 /Micro SD Card Reader slot data transfer speed up to 104MB/s.
- one USB 3.1 A port support up to 10Gbps, and one TYPE-C port support up to 10Gbps, and two USB 2.0 A port support up to 480Mbps
- Ethernet port supports up to 2.5 Gbps (10/100/1000/2500 Mbps).
- One combo Audio/Mic port.
- Compatible with PC with an available USB-C with 'DisplayPort Alternate mode'(Alt Mode) or Thunderbolt 3/4 port.
- Driver-free Plug and Play.
- Special decent metal design, Wavlink family look.

SPECIFICATION

Connection To Host	1 x USB-C attached cable 25cm	
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Plug & Play	Driver-free Plug and Play	
USB Power Delivery	1 x USB-C for USB3.0 PD passthrough PD IN 100W, charge laptop up to 85W	Solution: FL1702
USB Port	1 x USB-A port speed up to 10Gbps 1 x USB-C port speed up to 10Gbps	Solution: GL3590
	2 x USB-A port speed up to 480Mbps	Solution: MA8601
Video Outputs	HDMI 1 (2.0) DP1 (1.4) DP2 (1.4)	Solution: RTD2186
Audio	Integrated TRRS 4-pole phone jack	Solution: SSS1700
Card Reader	SD V3.0 /Micro SD Card Reader slot	Solution: GL3224
Ethernet Speed	1x RJ45 10/100/1000/2500 Ethernet	Solution: RTL8156B
Operating Systems	Microsoft Windows 7 / 8 / 10 / 11 Apple Mac OS 10.8 or later	

BLOCK DIAGRAM



USB-C PD passthrough	PD85W (When plug in with 100W power adapter)
HDMI2.0 x1 port	0.5W
Displayport1.4 x2 port	1W
USB 3.1 A. x 1	9W
TYPE-C x 1	9W
USB 2.0 A. x 2	5W
RTL8156B	0.5W
GL3224	0.5W
MA8601	0.5W
GL3590	0.5W
RTD2186	1W
Power Lot	1.5W

*Note:

PHYSICAL

Product Dimensions	mm (W x D x H)
Product Weight	g
Material	Aluminum housing
Working Environment	Operation temperature: 0°C~40°C Storage temperature: -10~70°C Operation RH (relative humidity): 10%~90%,noncondensing Storage RH: 10%~90%,noncondensing
In the box	1 x USB-C Triple Display MST Docking Station 1 x Quick start guide