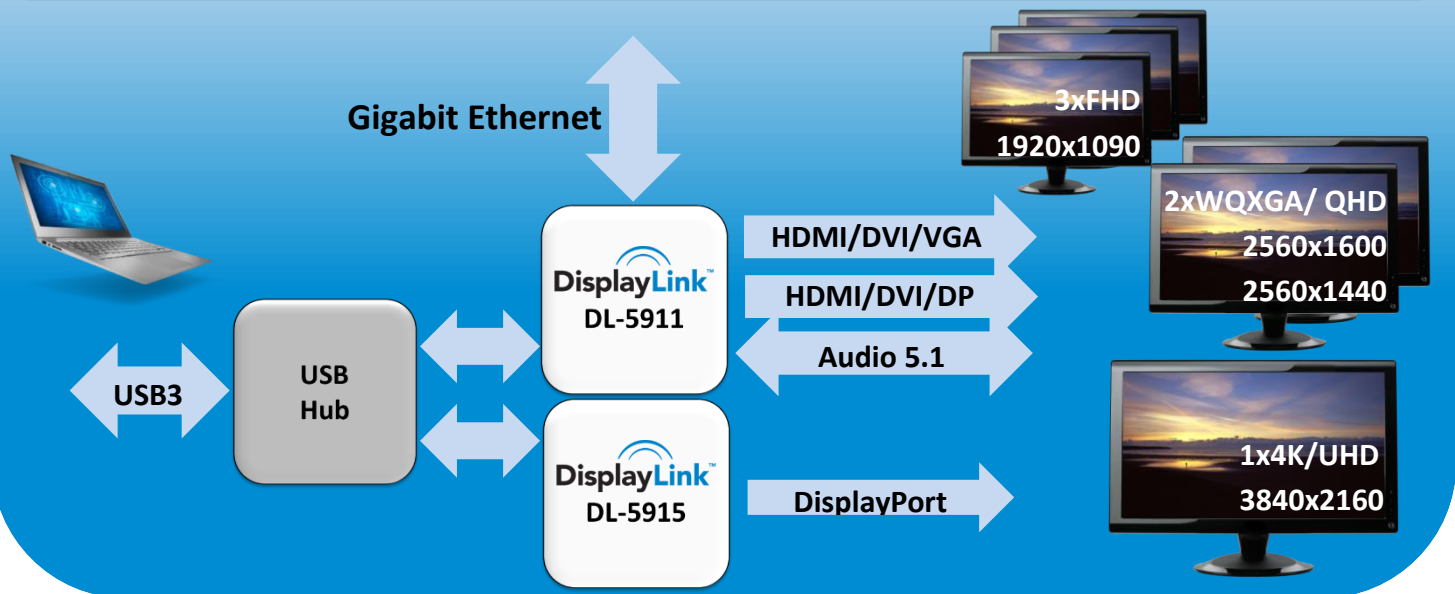


DisplayLink DL-5910 Chipset 4K/UHD Universal Docking



4K/UHD Universal Docking

From the world leader in USB graphics, DisplayLink introduces the new DL-5910 chipset that enables the new trend of 4K Ultra-High Definition and WQXGA/QHD displays at resolutions of up to 3840x2160 and combination displays to enable increased productivity desktops. DisplayLink also enables 4K productivity on legacy platforms that offer no native support for 4K displays for increased flexibility targeting market growth and adoption of 4K displays.

1:2:3 Direct Monitor Connections

The 1:2:3 configuration allows a single dock to support up to 3xHD displays, 2xQHD, or a single 4K display. This enables maximum flexibility and future-proofed universal docking. DisplayLink DL-5910 chipset combination can still be extended to support more displays over USB connection, allowing docking stations to easily be extended to support more displays.

Benefits

- Compatible with new USB Type-C or legacy USB connectors
- Highest image quality with lowest latency
- Integrated Ethernet and Audio
- 100% compatible with all DisplayLink products
- Triple display docking chipset

Features

- 3840x2160p30
- Backward compatible with HD monitors
- DisplayPort 1.1a interface
- HDCP for protected video playback
- Integrated Gigabit Ethernet
- Integrated 5.1 Audio

Product Applications

USB 3 Universal Docks

1x 4K/UHD Display or
2x 2K Display or
3x FHD Display with
Gigabit Ethernet and Audio
Single USB Connection



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DisplayLink Certified Plug and Display



DisplayLink Certified products are thoroughly tested in our labs to guarantee interoperability with the vast DisplayLink USB graphics ecosystem. Regular SW updates means a lifetime of performance updates. Look for the DisplayLink Certified Plug and Display Certified Logos.

DisplayLink Compression – DL3

- Ultra-Low latency
- Clear and crisp text and graphics
- Link aware-Adapts automatically to bandwidth constraints
- Compression tuned for video content and high quality graphics
- Uncompromised UHD video quality
- Compatible with HDCP 2.0 encryption

Packaging

- 2 device bundle of DL-5910 order code
 - **DL-5911** 2K/1K Video, Ethernet, Audio
 - **DL-5915** 4K Video
- 17 mm x 17 mm
- 400 BGA, RoHS and industry Green conformance
- 0.8 mm ball pitch

Reference Design

- DisplayLink supplies a complete set of schematics and PCB layout information along with firmware and OS drivers to complete a UHD Universal Dock

Device	Interface	1K	2K	4K
DL-5911	HDMI	Up to 2048x1152p60	2560x1440p50	N/A
	DVI	Up to 2048x1152p60	N/A	N/A
	VGA	Up to 2048x1152p60	N/A	N/A
	DisplayPort	Up to 2048x1152p60	2560x1440p60 2560x1600p60	N/A
DL-5915	DisplayPort	Up to 2048x1152p60	2560x1440p60 2560x1600p60	3840x2160p30

DL-5910 Video Resolutions

Supported Platforms

Microsoft® Windows™

Windows 10
Windows 8, 8.1
Windows 7
Legacy Windows XP - Vista

Apple® Mac® OS

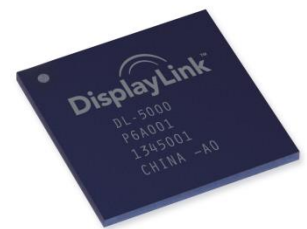
OSX 10.8 onwards

Google Android™

v5.0 Lollipop onwards

Linux

Ubuntu 14.10 onwards



WQXGA/QHD

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