



The Synaptics® DL-7xxx series is a universal USB smart chip that drives up to four displays simultaneously from any computer with any operating system. It enables cost-effective smart docks with rich graphics and comes with integrated digital audio, up to 2.5G Ethernet plus API for status gathering and MCU/EC connectivity for remote monitoring and management services.

Benefits

- Platform agnostic: Any OS, CPU or GPU
- Future proof: Quad 4K or dual 8K displays supported
- Smart: Drives displays even when no host connected
- Insights: API available to provide dock port status
- Customize: SDK enables non-docking use cases

Applications

- Universal docking stations
- Universal video adapter
- PCIe / USB expansion cards



LOW SYSTEM COST



ANY COMPUTER, ANY OS



ENABLES NEW RICH GRAPHICS EXPERIENCES

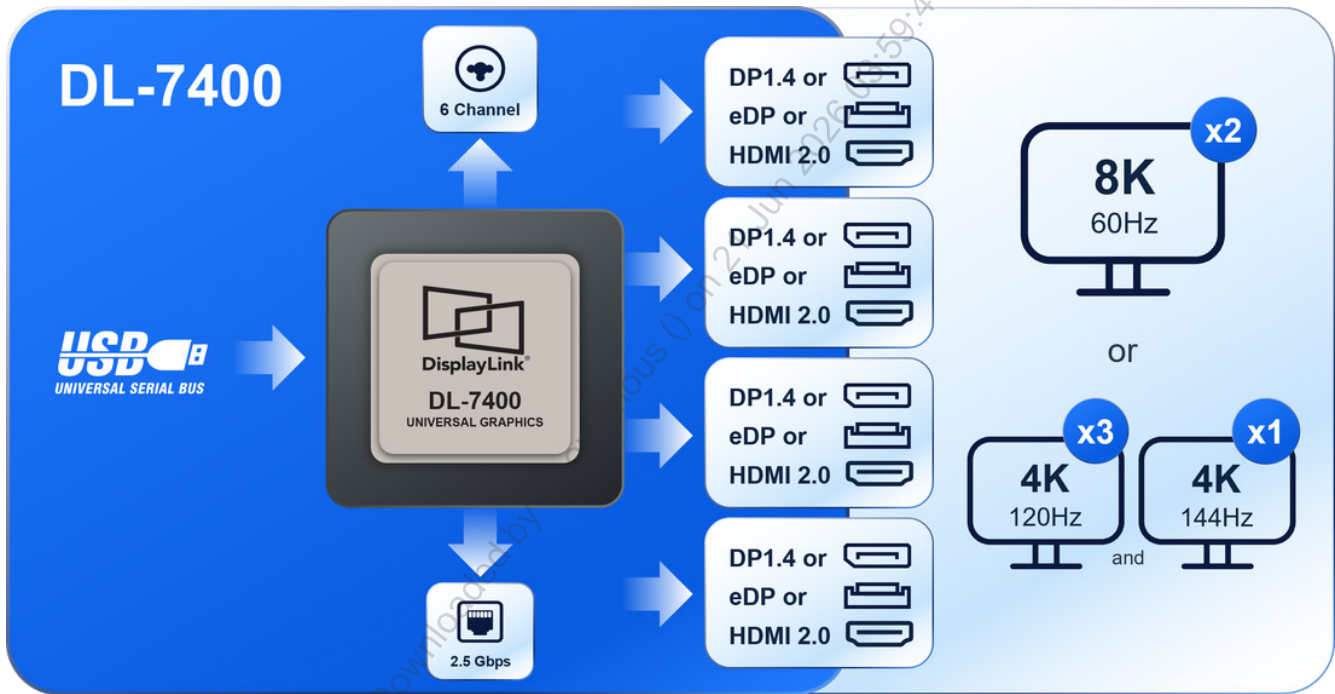


BUILT-IN SECURITY

Features Matix/IC

Product P/N	Target Applications	Features	Maximum Resolution	USB Ingress	Integrated Network	Integrated Audio
DL-7400	Quad / Triple Output Universal Dock Quad / Triple Output Universal Adapter PCIe / USB Expansion Cards Mini PC / Thin Client Digital Signage	Customizable Splash Screen IOT Connectivity Dual Mac Address Enterprise Security HDR 10 HDMI 2.0 DP 1.4	2x 8K60 4x 4K120	USB3 10Gbps USB3 5Gbps USB2	1Gbps/2.5Gbps Ethernet	5.1 channels
DL-7200	Dual Video Docks Dual Output Universal Dock Dual Output Universal Adapter PCIe / USB Expansion Cards Mini PC / Thin Client Digital Signage	Customizable Splash Screen IOT Connectivity Dual Mac Address Enterprise Security HDR 10 HDMI 2.0 DP 1.4	1x 8K60 2x 4K60	USB3 10Gbps USB3 5Gbps USB2	1Gbps/2.5Gbps Ethernet	5.1 channels

Block Diagram



System Block Diagram



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