

SMK Electronics Corporation, USA

SMK-Link (Model: VP6950)

Test Specifications & Results

MacBook Air MacOS Sierra V 10.12.6 model A1534 SMK-0174
 MacBook Pro 13 In (M1) MacOS Big Sur V11.5.1 model A2338 SMK-0022
 MacBook Pro 14 In (M1 Pro) MacOS Monterey V 12.2 model A2442 SMK-0133

AOC U2790VQ 4K monitor (HDMI)
 Vizio V655-G9 4K Smart TV (HDMI)
 Dell E228WFP (VGA) 1680 x 1050

12 in Retina display 1280 x 800
 13 .3 in Built-in Retina display 1440 x 900
 14 in. Built-in Liquid Retina XDR display 1512 x 982

Video Test

MacBook Air MacOS Sierra V 10.12.6 - model A1534			
VP6950	HDMI-1 4K/30Hz	HDMI-2 4K/30Hz	VGA
Single Video	4K - 3840 x 2160		
		4K - 3840 x 2160	
			1080P - 1920 x 1080
2 Ext Displays	1080P - 1920 x 1080	1080P - 1920 x 1080	
	1080P - 1920 x 1080		1080P - 1920 x 1080
		1080P - 1920 x 1080	1080P - 1920 x 1080
3 Ext Displays	1080P - 1920 x 1080	720P - 1280 x 720	720P - 1280 x 720

MacBook Pro 13 In (M1) MacOS Big Sur V11.5.1 - model A2338			
VP6950	HDMI-1 4K/30Hz	HDMI-2 4K/30Hz	VGA
Single Video	4K - 3840 x 2160		
		4K - 3840 x 2160	
			1080P - 1920 x 1080
2 Ext Displays	1080P - 1920 x 1080	1080P - 1920 x 1080	
	1080P - 1920 x 1080		1080P - 1920 x 1080
		1080P - 1920 x 1080	1080P - 1920 x 1080
3 Ext Displays	1080P - 1920 x 1080	720P - 1280 x 720	720P - 1280 x 720

MacBook Pro 14 In (M1 Pro) MacOS Monterey V 12.2 - model A2442			
VP6950	HDMI-1 4K/30Hz	HDMI-2 4K/30Hz	VGA
Single Video	4K - 3840 x 2160		
		4K - 3840 x 2160	
			1080P - 1920 x 1080
2 Ext Displays	1080P - 1920 x 1080	1080P - 1920 x 1080	
	1080P - 1920 x 1080		1080P - 1920 x 1080
		1080P - 1920 x 1080	1080P - 1920 x 1080
3 Ext Displays	1080P - 1920 x 1080	720P - 1280 x 720	720P - 1280 x 720

1st extended display/desktop works correctly. All other extended displays mirror the 1st extended display.

Functional Test

SD Cart Reader	Pass
MicroSD Card reader	Pass
Ethernet	Pass
USB Ports (4)	Pass
USB-C power input	Pass

MacBook Air MacOS Sierra V 10.12.6 - model A1534		
Fullink #1145 (VP6950 V2)	HDMI-1 4K/30Hz	HDMI-2 4K/30Hz
Single Video	4K - 3840 x 2160	4K - 3840 x 2160
2 Ext Displays	4K - 3840 x 2160	4K - 3840 x 2160

MacBook Pro 13 In (M1) MacOS Big Sur V11.5.1 1 - model A2338		
Fullink #1145 (VP6950 V2)	HDMI-1 4K/30Hz	HDMI-2 4K/30Hz
Single Video	4K - 3840 x 2160	
		4K - 3840 x 2160
2 Ext Displays	4K - 3840 x 2160	4K - 3840 x 2160

MacBook Pro 14 In (M1 Pro) MacOS Monterey V 12.2 - model A2442		
Fullink #1145 (VP6950 V2)	HDMI-1 4K/30Hz	HDMI-2 4K/30Hz
Single Video	4K - 3840 x 2160	
		4K - 3840 x 2160
2 Ext Displays	4K - 3840 x 2160	4K - 3840 x 2160

Driver is required, but worked in all configurations
 Driver Link: <https://www.siliconmotion.com/downloads/index.html>

Functional Test

Ethernet	Pass
USB Ports (2)	Pass
Audio port	Could not test
USB-C power input	Pass