

SMK Electronics Corporation, USA**SMK-Link (Model: 6960)**

Test Specifications & Results

MacBook Air MacOS Sierra V 10.12.6 model A1534 SMK-0174 12 in Retina display 1280 x 800
 MacBook Pro 13 In (M1) MacOS Big Sur V11.5.1 model A2338 SMK-0174 13 in Built-in Retina display 1440 x 900
 MacBook Pro 14 In (M1 Pro) MacOS Monterey V 12.2 model A2442 14 in. Built-in Liquid Retina XDR display 3096 x 1920

AOC U2790VQ 4K monitor (HDMI)

Vizio V655-G9 4K Smart TV (HDMI)

Dell E228WFP monitor (VGA) 1680 x 1050

Video Test

Standard M1 system work just like the current manual specifies.

When using VGA port HDMI 1 defaults to VGA resolution and mirrors VGA port, on both M1 & M1 Pro

| MacBook Pro 13 In (M1) MacOS Big Sur V11.5.1 1 - model A2338 | | | |
|---|-----------------------|---------------------|---------------------|
| VP6960 | HDMI-1 4K/60Hz | HDMI-2 4K * | 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 | | | |
|---|-----------------------|---------------------|---------------------|
| VP6960 | HDMI-1 4K/60Hz | HDMI-2 4K * | VGA |
| Single Video | 4K - 3840 x 2160 | | |
| | | 4K - 3840 x 2160 | |
| | | | 1080P - 1920 x 1080 |
| 2 Ext Displays | 4K - 3840 x 2160 | 4K - 3840 x 2160 | |
| | 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 |

Functional Test

SD Card Reader Pass

MicroSD Card read Pass

Ethernet Pass

USB Ports (4) Pass

Audio port Could not test

USB-C power input Pass

13.3 in Built-in Retina display Built-in Liquid Retina
XDR display 1512 x 982

* HDMI 2 4K @ 60 Hz if source is DP1.4 or 4K @ 30
Hz if source is DP1.2

* HDMI 2 4K @ 60 Hz if source is DP1.4 or 4K @ 30
Hz if source is DP1.2