

Echo 13 TB5 Dock, Echo 20 TB5 Secure Dock, and Echo 21 TB5 SuperDock Thunderbolt Ports Supported Resolutions¹ and Max Refresh Rates¹

	M5 Max	M5 Pro	M4 Max	M4 Pro	M4/M5 Base; M2/M3 Pro/Max	M1 Pro/Max	M1/M2/M3 BASE ³	Windows PC TB4	Windows PC TB5
SINGLE MONITOR									
1080p 500Hz									
2k 240Hz									
3440x1440 240Hz	✓	✓	✓	✓	✓	✓	✓	✓	✓
4k 144Hz									
5k 60Hz									
6k 60Hz									
2k 480Hz									
4k 240Hz	✓	✓	✓	✓	✓			✓	✓
5k 120Hz	✓	✓	✓	✓	✓				✓
8k 60Hz	✓	✓	✓	✓	✓	✓			✓
DUAL MONITORS²									
Dual 2k 240Hz									
Dual 4k 60Hz	✓	✓	✓	✓	✓	✓		✓	✓
Dual 5k 60Hz									
Dual 6k 60Hz									
Dual 4k 144Hz	✓	✓	✓	✓	✓				✓
Dual 5k 120Hz	✓	✓	✓						✓
Dual 1080p 500Hz									
Dual 2k 480Hz									
Dual 4k 240Hz	✓		✓						✓
Dual 8k 60Hz									
TRIPLE MONITORS²									
Triple 4k 60Hz									
Triple 5k 60Hz	✓	✓	✓						✓
Triple 6k 60Hz									
Triple 4k 144Hz	✓	✓							✓
QUADRUPLE MONITORS²									
Quad 4k 144Hz									
Quad 5k 60Hz	✓								
Quad 6k 60Hz									

1. 6k and 8k resolutions, and higher refresh rates above 60Hz generally require Display Stream Compression (DSC) support in both the monitor and host.

2. Multiple 5k or 6k display support requires Thunderbolt 4, Thunderbolt 5, and Apple Studio Display 5k, or Apple Pro Display XDR 6k monitors. (Dual LG UltraFine 5k displays are supported only with M5 Max hosts.)

3. Base M3 MacBook Air and MacBook Pro can support dual external monitors, up to 5k 60Hz, when in closed clamshell mode.