

# Apple Mac Studio M2 Max 12-Core / 38-Core 64GB 1TB SSD

SKU: ACZ17ZME MFR: Z17Z000ME



## Apple Mac Studio M2 Max (2023) Specifications

<b>Finish</b>	Silver
<b>Chip</b>	Apple M2 Max chip 12-core CPU with 8 performance cores and 4 efficiency cores Up to 38-core GPU 16-core Neural Engine 400GB/s memory bandwidth  Media engine Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW Video decode engines Two video encode engines Two ProRes encode and decode engines
<b>Memory</b>	Configurable to: 32GB unified memory or 64GB unified memory or 96GB unified memory
<b>Storage</b>	Configurable to: 512GB SSD or 1TB SSD or 2TB SSD or 4TB SSD or 8TB SSD
<b>Display Support</b>	Simultaneous support for up to five displays: Four displays with 6K resolution at 60Hz over Thunderbolt and one display with 4K resolution at 60Hz over HDMI Two displays with 6K resolution at 60Hz over Thunderbolt and one display with 8K resolution at 60Hz or 4K resolution at up to 240Hz over HDMI
<b>Audio</b>	Built-in speaker 3.5 mm headphone jack with advanced support for high-impedance headphones HDMI port supports multichannel audio output
<b>Connections and Expansion</b>	Four Thunderbolt 4 ports with support for: Thunderbolt 4 (up to 40Gb/s) DisplayPort USB 4 (up to 40Gb/s) USB 3.1 Gen 2 (up to 10Gb/s) Two USB-A ports (up to 5Gb/s) HDMI port 10Gb Ethernet 3.5 mm headphone jack  On front: Two USB-C ports (up to 10Gb/s) SDXC card slot (UHS-II)
<b>Communications</b>	Wi-Fi: Wi-Fi 6E (802.11ax)  Bluetooth: Bluetooth 5.3  Ethernet: 10Gb Ethernet (Nbase-T Ethernet with support for 1Gb, 2.5Gb, 5Gb, and 10Gb Ethernet using RJ-45 connector)

<b>Line voltage</b>	100-240V AC
<b>Frequency</b>	50Hz to 60Hz, single phase
<b>Maximum continuous power</b>	370W
<b>Operating temperature</b>	50 Degree to 95 Degree F (10 Degree to 35 Degree C)
<b>Storage temperature</b>	-40 Degree to 116 Degree F (-40 Degree to 47 Degree C)
<b>Relative humidity</b>	5% to 90% noncondensing
<b>Operating altitude</b>	Tested up to 16,400' (5000m)
<b>Operating System</b>	macOS
<b>Accessibility</b>	<p>Accessibility features help people with disabilities get the most out of their new Mac Studio. With built-in support for vision, hearing, mobility, and learning, you can create and do amazing things.</p> <p>Features include:</p> <ul style="list-style-type: none"> <li>Voice Control</li> <li>VoiceOver</li> <li>Zoom</li> <li>Increase Contrast</li> <li>Reduce Motion</li> <li>Siri and Dictation</li> <li>Switch Control</li> <li>Live Captions</li> </ul>
<b>Built-in Apps</b>	<ul style="list-style-type: none"> <li>App Store</li> <li>Books</li> <li>Calendar</li> <li>Contacts</li> <li>FaceTime</li> <li>Find My</li> <li>Freeform</li> <li>GarageBand</li> <li>Home</li> <li>iMovie</li> <li>Keynote</li> <li>Mail</li> <li>Maps</li> <li>Messages</li> <li>Music</li> <li>News</li> <li>Notes</li> <li>Numbers</li> <li>Pages</li> <li>Photo Booth</li> <li>Photos</li> <li>Podcasts</li> <li>Preview</li> <li>QuickTime Player</li> <li>Reminders</li> <li>Safari</li> <li>Shortcuts</li> <li>Siri</li> <li>Stocks</li> <li>Time Machine</li> <li>Apple TV</li> <li>Voice Memos</li> </ul>
<b>Dimensions (H x W x D)</b>	3.7 x 7.7 x 7.7" (9.5 x 19.7 x 19.7cm)
<b>Weight</b>	5.9 lbs (2.7kg)