



**System Fact Sheet**

| SYSTEM   | POWER   | PORTS  |
|--|---|--|
| <p><b>Introduced:</b> February 1996<br/> <b>Discontinued:</b> September 1996<br/> <b>Gestalt ID:</b><br/> <b>Form Factor:</b> DayStar MP 300<br/> <b>Weight (lbs.):</b> 50<br/> <b>Dimensions (inches):</b> 21 H x 8.5 W x 22 D</p> <p><b>Codename:</b><br/> <b>Oder Number:</b><br/> <b>KB Article #:</b></p> | <p><b>Max. Watts:</b><br/> <b>Amps:</b><br/> <b>BTU Per Hour:</b><br/> <b>Voltage Range:</b> 100-240 V<br/> <b>Freq'y Range (Hz):</b> 50-60 Hz<br/> <b>Battery Type:</b> 3.6V lithium<br/> <input type="checkbox"/> <b>Soft Power</b><br/> <input type="checkbox"/> <b>Monitor Power Outlet</b></p> | <p><b>ADB:</b> 1<br/> <b>Video:</b> DB-15<br/> <b>Floppy:</b> none<br/> <b>SCSI:</b> DB-25<br/> <b>GeoPort Connectors:</b> 2<br/> <b>Ethernet:</b> 10Base-T</p> <p><b>Microphone Port Type:</b><br/> <input type="checkbox"/> <b>Printer</b>    <input checked="" type="checkbox"/> <b>Speaker</b><br/> <input type="checkbox"/> <b>Modem</b>    <input checked="" type="checkbox"/> <b>Headphone</b><br/> <input type="checkbox"/> <b>Airport</b>    <input type="checkbox"/> <b>Remote Control</b></p> |

**VIDEO**

| Built-in Display:  | Maximum Color Bit-depth <sup>1</sup> At:  |      |                   |      |      |      |      |       |      |      |      |      |      |                   |      |      |      |      |       |  |  |  |  |  |    |  |    |  |
|--|---|------|-------------------|------|------|------|------|-------|------|------|------|------|------|-------------------|------|------|------|------|-------|--|--|--|--|--|----|--|----|--|
| <p><b>VRAM Speed:</b> VRAM    <b>VRAM Needed:</b> VRAM    <b>Video Configuration:</b> VRAM</p> | <table border="1"> <tr> <td>512</td><td>640</td><td>640</td><td>640</td><td>800</td><td>832</td><td>1024</td><td>1152</td><td>1280</td> </tr> <tr> <td>x384</td><td>x400</td><td>x480</td><td>x870<sup>2</sup></td><td>x600</td><td>x624</td><td>x768</td><td>x870</td><td>x1024</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>24</td><td></td><td>24</td><td></td> </tr> </table> | 512  | 640               | 640  | 640  | 800  | 832  | 1024  | 1152 | 1280 | x384 | x400 | x480 | x870 <sup>2</sup> | x600 | x624 | x768 | x870 | x1024 |  |  |  |  |  | 24 |  | 24 |  |
| 512  | 640   | 640  | 640               | 800  | 832  | 1024 | 1152 | 1280  |      |      |      |      |      |                   |      |      |      |      |       |  |  |  |  |  |    |  |    |  |
| x384   | x400  | x480 | x870 <sup>2</sup> | x600 | x624 | x768 | x870 | x1024 |      |      |      |      |      |                   |      |      |      |      |       |  |  |  |  |  |    |  |    |  |
|  |   |      |                   |      | 24   |      | 24   |       |      |      |      |      |      |                   |      |      |      |      |       |  |  |  |  |  |    |  |    |  |

<sup>1</sup> 1-bit = Black & White; 2-bit = 4 colors; 4-bit = 16 colors; 8-bit = 256 colors; 16-bit = Thousands; 24-bit = Millions  
<sup>2</sup> The maximum color depth listed for 640x870 is 8-bit, reflecting the capabilities of the Apple 15" Portrait Display.

| LOGICBOARD  | MEMORY  |
|---|---|
| <p><b>Main Processor:</b> 604, 132 MHz<br/> <b>PMMU:</b> none<br/> <b>FPU:</b> none<br/> <b>Data Path:</b> , 44 MHz<br/> <b>L1 Cache:</b> 32K<br/> <b>L2 Cache:</b> 512K<br/> <b>Secondary Processor:</b> none<br/> <b>Slots:</b> 6 PCI</p> | <p><b>Memory on Logic Board:</b> 16MB<br/> <b>Minimum RAM:</b> 24MB<br/> <b>Maximum RAM:</b> 1.5GB<br/> <b>RAM Slots:</b> 12 168-pin<br/> <b>Minimum RAM Speed:</b> 60 ns<br/> <b>RAM Sizes:</b> 32, 64, 128 MB<br/> <b>Install in Groups of:</b> 1</p> |

| SOFTWARE   |   |                                       |                                   |                                 |                          |                                    |                                  |                                |                          |                                   |                                  |                                       |                          |                                     |                                  |                                       |                          |                                     |                                  |                                       |                          |                                       |                                  |                                   |                          |                                     |                                  |                               |                          |
|--|---|---------------------------------------|-----------------------------------|---------------------------------|--------------------------|------------------------------------|----------------------------------|--------------------------------|--------------------------|-----------------------------------|----------------------------------|---------------------------------------|--------------------------|-------------------------------------|----------------------------------|---------------------------------------|--------------------------|-------------------------------------|----------------------------------|---------------------------------------|--------------------------|---------------------------------------|----------------------------------|-----------------------------------|--------------------------|-------------------------------------|----------------------------------|-------------------------------|--------------------------|
| <p><input type="checkbox"/> <b>Speech Recognition Supported</b></p> <p><b>Addressing Modes:</b> 32-bit<br/> <b>Original SSW:</b> 7.5.3<br/> <b>Original Enabler:</b></p> <p><b>ROM ID:</b><br/> <b>ROM Version:</b><br/> <b>ROM Size:</b><br/> <b>AppleTalk Version:</b></p> | <p><b>Supported Macintosh System Software:</b></p> <table border="1"> <tr> <td><input type="checkbox"/> A/UX 1.0</td> <td><input type="checkbox"/> NOS 1.11</td> <td><input type="checkbox"/> ProDOS</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 1.11</td> <td><input type="checkbox"/> NOS 1.3</td> <td><input type="checkbox"/> GS/OS</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 2.0</td> <td><input type="checkbox"/> NOS 2.0</td> <td><input type="checkbox"/> NeXTStep 1.x</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 3.0.1</td> <td><input type="checkbox"/> NOS 2.1</td> <td><input type="checkbox"/> NeXTStep 2.x</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 4.1.4</td> <td><input type="checkbox"/> LOS 7/7</td> <td><input type="checkbox"/> NeXTStep 3.x</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 4.1.4.1</td> <td><input type="checkbox"/> DOS 3.1</td> <td><input type="checkbox"/> OpenStep</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> A/UX 4.1.5</td> <td><input type="checkbox"/> SOS 1.3</td> <td><input type="checkbox"/> &lt;1.0</td> <td><input type="checkbox"/></td> </tr> </table> | <input type="checkbox"/> A/UX 1.0     | <input type="checkbox"/> NOS 1.11 | <input type="checkbox"/> ProDOS | <input type="checkbox"/> | <input type="checkbox"/> A/UX 1.11 | <input type="checkbox"/> NOS 1.3 | <input type="checkbox"/> GS/OS | <input type="checkbox"/> | <input type="checkbox"/> A/UX 2.0 | <input type="checkbox"/> NOS 2.0 | <input type="checkbox"/> NeXTStep 1.x | <input type="checkbox"/> | <input type="checkbox"/> A/UX 3.0.1 | <input type="checkbox"/> NOS 2.1 | <input type="checkbox"/> NeXTStep 2.x | <input type="checkbox"/> | <input type="checkbox"/> A/UX 4.1.4 | <input type="checkbox"/> LOS 7/7 | <input type="checkbox"/> NeXTStep 3.x | <input type="checkbox"/> | <input type="checkbox"/> A/UX 4.1.4.1 | <input type="checkbox"/> DOS 3.1 | <input type="checkbox"/> OpenStep | <input type="checkbox"/> | <input type="checkbox"/> A/UX 4.1.5 | <input type="checkbox"/> SOS 1.3 | <input type="checkbox"/> <1.0 | <input type="checkbox"/> |
| <input type="checkbox"/> A/UX 1.0  | <input type="checkbox"/> NOS 1.11   | <input type="checkbox"/> ProDOS       | <input type="checkbox"/>          |                                 |                          |                                    |                                  |                                |                          |                                   |                                  |                                       |                          |                                     |                                  |                                       |                          |                                     |                                  |                                       |                          |                                       |                                  |                                   |                          |                                     |                                  |                               |                          |
| <input type="checkbox"/> A/UX 1.11   | <input type="checkbox"/> NOS 1.3  | <input type="checkbox"/> GS/OS        | <input type="checkbox"/>          |                                 |                          |                                    |                                  |                                |                          |                                   |                                  |                                       |                          |                                     |                                  |                                       |                          |                                     |                                  |                                       |                          |                                       |                                  |                                   |                          |                                     |                                  |                               |                          |
| <input type="checkbox"/> A/UX 2.0  | <input type="checkbox"/> NOS 2.0  | <input type="checkbox"/> NeXTStep 1.x | <input type="checkbox"/>          |                                 |                          |                                    |                                  |                                |                          |                                   |                                  |                                       |                          |                                     |                                  |                                       |                          |                                     |                                  |                                       |                          |                                       |                                  |                                   |                          |                                     |                                  |                               |                          |
| <input type="checkbox"/> A/UX 3.0.1  | <input type="checkbox"/> NOS 2.1  | <input type="checkbox"/> NeXTStep 2.x | <input type="checkbox"/>          |                                 |                          |                                    |                                  |                                |                          |                                   |                                  |                                       |                          |                                     |                                  |                                       |                          |                                     |                                  |                                       |                          |                                       |                                  |                                   |                          |                                     |                                  |                               |                          |
| <input type="checkbox"/> A/UX 4.1.4  | <input type="checkbox"/> LOS 7/7  | <input type="checkbox"/> NeXTStep 3.x | <input type="checkbox"/>          |                                 |                          |                                    |                                  |                                |                          |                                   |                                  |                                       |                          |                                     |                                  |                                       |                          |                                     |                                  |                                       |                          |                                       |                                  |                                   |                          |                                     |                                  |                               |                          |
| <input type="checkbox"/> A/UX 4.1.4.1  | <input type="checkbox"/> DOS 3.1  | <input type="checkbox"/> OpenStep     | <input type="checkbox"/>          |                                 |                          |                                    |                                  |                                |                          |                                   |                                  |                                       |                          |                                     |                                  |                                       |                          |                                     |                                  |                                       |                          |                                       |                                  |                                   |                          |                                     |                                  |                               |                          |
| <input type="checkbox"/> A/UX 4.1.5  | <input type="checkbox"/> SOS 1.3  | <input type="checkbox"/> <1.0         | <input type="checkbox"/>          |                                 |                          |                                    |                                  |                                |                          |                                   |                                  |                                       |                          |                                     |                                  |                                       |                          |                                     |                                  |                                       |                          |                                       |                                  |                                   |                          |                                     |                                  |                               |                          |

| SOUND   | STORAGE  |
|---|--|
| <p><input type="checkbox"/> <b>Built-in Microphone</b></p> <p><b>Microphone Port Type:</b><br/> <b>Sound In:</b> stereo, 16-bit<br/> <b>Sound Out:</b> stereo, 16-bit</p> | <p><input checked="" type="checkbox"/> <b>Supports Internal CD-ROM</b></p> <p><b>Floppy Size:</b> 1.44MB<br/> <b>Floppy Inject:</b> manual<br/> <b>Internal HD Size:</b> 1GB<br/> <b>Internal HD Interface:</b> SCSI<br/> <b>Original CD-ROM Speed:</b> 4x</p> |

**HISTORY**

The first multiple processor Mac OS computer, the Genesis came in dual- and quad-processor versions based on the PowerPC 604 processor. There are three different versions of the MP 528 based on different Apple motherboard designs. The dual-processor MP 300 could be upgraded to a quad-processor MP 600 by adding two additional CPU cards. The original purchase price was approximately US\$12,000.