Macintosh PowerBook 100

SYSTEM

Introduced: October 1991
Discontinued: August 1992
Gestalt ID: 24
Form Factor: PowerBook 100
Weight (lbs.): 5.1
Dimensions (inches): 1.8 H x 11 W x 8.5 D

Codename: Asahi, Derringer,
Oder Number:
KB Article #: 8981, 8982

Support Discontinued 9/1/98

POWER

Max. Watts: 17
Amps: 2.00
BTU Per Hour: 58.14
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: PB100, lead acid
☒ **Soft Power**
☐ **Monitor Power Outlet**

PORTS

ADB: 1
Video: none
Floppy: HDI-20
SCSI: HDI-30
GeoPort Connectors: none
Ethernet: none
Microphone Port Type: none
☒ **Printer**   ☒ **Speaker**
☐ **Modem**   ☐ **Headphone**
☐ **Airport**   ☐ **Remote Control**

VIDEO

Built-in Display: *9" supertwist LCD*

Maximum Color Bit-depth[1] At:

		Video Configuration:	512 x384	640 x400	640 x480	640 x870[2]	800 x600	832 x624	1024 x768	1152 x870	1280 x1024
VRAM Speed:	**VRAM Needed:**										
n/a	built in	built-in LCD screen	n/a	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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

LOGICBOARD

Main Processor: 68000, 16 MHz
PMMU: none
FPU: none
Data Path: 16-bit, 16 MHz
L1 Cache: none
L2 Cache: none
Secondary Processor: none
Slots: modem

MEMORY

Memory on Logic Board: 2 MB
Minimum RAM: 2 MB
Maximum RAM: 8 MB
RAM Slots: 1   PB1xx
Minimum RAM Speed: 100 ns
RAM Sizes: 2, 4, 6 MB
Install in Groups of: 1

SOFTWARE

☐ **Speech Recognition Supported**

Addressing Modes: 24-bit
Original SSW: 7.0.1
Original Enabler: none

ROM ID: $037A
ROM Version: n/a
ROM Size: 256K
AppleTalk Version: 52

Supported Macintosh System Software:

☐ A/UX 1.0	☐ NOS 1.11	☐ ProDOS	☐
☐ A/UX 1.11	☐ NOS 1.3	☐ GS/OS	☐
☐ A/UX 2.0	☐ NOS 2.0	☐ NeXTStep 1.x	☐
☐ A/UX 3.0.1	☐ NOS 2.1	☐ NeXTStep 2.x	☐
☐ A/UX 4.1.4	☐ LOS 7/7	☐ NeXTStep 3.x	☐
☐ A/UX 4.1.4.1	☐ DOS 3.1	☐ OpenStep	☐
☐ A/UX 4.1.5	☐ SOS 1.3	☐ <1.0	☐

SOUND

Microphone Port Type: none
Sound In: none
Sound Out: mono, 8-bit
☐ **Built-in Microphone**

STORAGE

☐ **Supports Internal CD-ROM**

Floppy Size: none
Floppy Inject: n/a
Internal HD Size: 20-40MB
Internal HD Interface: SCSI
Original CD-ROM Speed:

HISTORY

The first of Apple's truly portable Mac's, the PowerBook 100 had basically the same processor as the old Mac Portable. The 100 was well received despite its slow processor, passive-matrix screen, and lack of internal floppy drive. It originally sold for $2,500

The PowerBook 100 was released alongside the 140 and the 170. While these two models were based on the same motherboard, the 100 had a more simple motherboard design, and was desiged and manufactured by Sony for Apple.