Apple
Spec Database

Macintosh PowerBook Duo 230

System Fact Sheet

System

Introduced: October 1992
Discontinued: July 1994
Gestalt ID: 32
Form Factor: PowerBook Duo
Weight (lbs.): 4.2
Dimensions (inches): 1.4 H x 10.9 W x 8.5 D

Power

Max. Watts: 25
Amps: 1.04
BTU Per Hour: 85.5
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: Duo, NiMH Type I
☒ **Soft Power**
☐ **Monitor Power Outlet**

Ports

ADB: none
Video: none
Floppy: none
SCSI: none
GeoPort Connectors: none
Ethernet: none
Microphone Port Type: none
☒ **Printer**
☐ **Modem**
☐ **Speaker**
☐ **Headphone**
☐ **Remote Control**

Video

Built-in Display: *9" supertwist LCD*

VRAM Speed:	VRAM Needed:	Video Configuration:	Maximum Color Bit-depth[1] At: 512 x384	640 x400	640 x480	640 x870[2]	800 x600	832 x624	1024 x768	1152 x870	1280 x1024
80 ns	built in	built-in LCD screen	n/a	4	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.

Logic Board

Main Processor: 68030, 33 MHz
PMMU: integrated
FPU: opt. in Dock
Data Path: 32-bit, 33 MHz
L1 Cache: 0.5K
L2 Cache: none
Secondary Processor: none
Slots: modem, dock

Memory

Memory on Logic Board: 4MB
Minimum RAM: 4MB
Maximum RAM: 24MB
RAM Slots: 1 Duo
Minimum RAM Speed: 70 ns
RAM Sizes: 4-20MB
Install in Groups of: 1

Software

☐ **Speech Recognition Supported**

Addressing Modes: 24-, 32-bit
Original SSW: 7.1
Original Enabler: System Enabler 201

ROM ID: $067C
ROM Version: n/a
ROM Size: 1MB
AppleTalk Version: 57.0.4

Supported Macintosh System Software:

☐ <1.0	☐ 6.0	☐ 6.0.8	☐ 7.1P2	☐ 7.1.2
☐ 1.0	☐ 6.0.1	☐ 7.0	☐ 7.1P3	☒ 7.5
☐ 1.1	☐ 6.0.2	☐ 7.0.1	☐ 7.1P5	☒ 7.5.1
☐ 2.0	☐ 6.0.3	☐ 7.0.1P	☐ 7.1P6	☐ 7.5.2
☐ 2.0.1	☐ 6.0.4	☒ 7.1	☒ 7.1.1 (Pro)	☒ 7.5.3
☐ 5.0	☐ 6.0.5	☐ 7.1P	☐ 7.1.1	☒ 7.5.5
☐ 5.1	☐ 6.0.7	☐ 7.1P1	☐ 7.1.2	☒ 7.6

Sound

☒ **Built-in Microphone**

Microphone Port Type: none
Sound In: mono, 8-bit
Sound Out: mono, 8-bit

Storage

☐ **Supports Internal CD-ROM**

Floppy Size: none
Floppy Inject: n/a
Internal HD Size: 80-160MB
Internal HD Interface: SCSI
Original CD-ROM Speed: n/a

Note: n/a = information not available or not applicable