Our highest-performance desktop system, the Apple® Macintosh™ Quadra® 700 personal computer, offers a level of power that you won't find in most other systems.

To provide the ultimate in Macintosh responsiveness, the Quadra 700 is designed with a powerful Motorola 68040 microprocessor, faster graphics architecture, and enhanced NuBus® and SCSI subsystems—which make it possible for the computer to run applications up to twice as fast as the Macintosh IIx.

You’ll appreciate the speed of the Quadra 700 whenever you open a window, search, and sort—and even more when the computer redraws complex graphics, recalculates intricate spreadsheets, or reformats large documents.

Many built-in features also give you fast, direct access to networks and peripheral equipment. For example, you can connect the Quadra 700 directly to high-speed Ethernet and LocalTalk® networks without having to buy extra cards. Plug any Apple monochrome or color monitor to your system; the Quadra 700 works with all Apple displays. It also supports up to 24 bits of color, offering you photographic-quality images to work with. And you can use the nine built-in ports for instant access to printers, scanners, high-capacity disk drives, and other peripheral equipment.

For additional flexibility, the Quadra 700 supports up to 20 megabytes of RAM, so you can work with larger files and many open applications. And two NuBus expansion slots make it easy to add specialized coprocessor, media integration, and data acquisition cards.
### Macintosh Quadra 700 Technical Specifications

**Microprocessor**
- MC68040, 32-bit architecture, 25-megahertz clock speed
- Integral Paged Memory Management Unit (PMU), Floating-Point Unit (FPU), and 8-kilobyte cache architecture

**Memory**
- Comes with 4 megabytes of RAM on the logic board and 4 memory expansion slots.
- Expands to up to 12 megabytes of RAM by installing 4-megabyte SIMMs in the empty slots and replacing existing 1-megabyte with 4-megabyte RAM chips.

**Disk drives**
- Built-in Apple SuperDrive—1.4-megabyte floppy disk drive
- 408- or 160-megabyte internal Apple SCSI hard disk drive

**Video display**
- Supports all Apple monitors, including:
  - Apple SuperDrive
  - Macintosh 21" Color Display
  - Macintosh Two-Page Monochrome Monitor
  - Macintosh Portrait Display
  - AppleColor
  - Macintosh 12" Monochrome Display
  - Macintosh 12" RGB Display

**Video RAM**
- SL2K, upgradeable to 2 megabytes for display of more colors or shades of gray on a monitor

**Interface**
- Two Apple Desktop Bus (ADB) ports, supporting a keyboard, mouse, and other devices Daisy-chained through a synchronous serial bus
- Two serial (RS-232/RS-422) ports, 230.4 kilobits per second maximum (up to 0.920 megabits per second if clocked externally)
- SCSI bus interface
- Video port to support RGB and monochrome monitors of various sizes and resolutions
- Two internal NuBus expansion slots
- One processor-direct slot provides access to the CPU bus for highest possible performance.
- Stereo sound output port capable of delivering sound to both channels of a stereo device
- Sound input port for monaural sound input
- All-15 Ethernet connector

**Keyboard**
- Supports all Apple Desktop Bus keyboards.
- Apple Desktop Bus Bus Mouse: mechanical tracking, optical shaft, or contact encoding

**Sound generator**
- Custom Sound Chip drives stereo miniature phonograph equipment or stereo equipment.
- Clock/calender
- Custom chip with long-life lithium battery

**Microphone**
- Electret, omnidirectional; output voltage is 4 millivolts, peak to peak, at normal volume.

**Mouse**
- Apple Desktop Bus Mouse: mechanical tracking, optical shaft, or contact encoding

**Electrical requirements**
- Line voltage: 100 to 240 volts AC, RMS automatically configured
- Frequency: 50 to 60 hertz, single phase
- Power: 50 watts maximum, not including monitor power

**ADB power requirements**
- Maximum current draw for all ADB devices: 200 milliamps (a maximum of three ADB devices is recommended)
- Mouse drains 80 milliamps, keyboard draws 25 to 80 milliamps, depending on the keyboard model used.

**Operating environment**
- Operating temperature: 50° F to 104° F (10° C to 40° C)
- Storage temperature: –40° F to 116° F (–40° C to 47° C)
- Relative humidity: 20% to 80% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

**Size and weight**
- Main unit:
  - Main unit: Width: 11.9 in. (30.2 cm)
  - Main unit: Height: 3.5 in. (9.2 cm)
  - Main unit: Depth: 10 in. (25.4 cm)
  - Main unit: Weight: 24 lb. 6 oz. (11.2 kg)*
- Main unit:
  - Depth: 8.6 in. (21.8 cm)
  - Weight: 22 lb. 10 oz. (10.5 kg)*

**Maximum current draw for all ADB devices**
- ADB power requirements

**Power**
- 50 watts maximum, not including monitor power

**Line voltage**
- 100 to 240 volts AC, RMS

**Electrical requirements**
- ADB power requirements

### Ordering Information

**Macintosh Quadra 700**
- 4/Apple SuperDrive
- Order No. M5921LL/A
- Macintosh Quadra 700 personal computer with 4 megabytes of RAM and built-in 1.4-megabyte Apple Super Drive
- All other features included with the Quadra 700 below

**Macintosh Quadra 700**
- 4/160
- Order No. M5923LL/A
- Macintosh Quadra 700 personal computer with 4 megabytes of RAM, one 160-megabyte internal hard disk, and built-in 1.4-megabyte Apple SuperDrive
- All other features included with the Quadra 700 above

**Macintosh Quadra 700**
- 4/200
- Order No. M5922LL/A
- Macintosh Quadra 700 personal computer with 4 megabytes of RAM and built-in 1.4-megabyte Apple SuperDrive
- All other features included with the Quadra 700 above

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