



Specifications

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eMate





## Processor

### CPU

ARM 710a processor running at 27 MHz





## Memory

### **RAM**

512K DRAM installed on the logic board

512K or 1 MB Flash installed on the logic board

Memory expansion connector allows addition of daughter card containing DRAM and FLASH.

### **ROM**

8 MB

Expandable to 16 MB ROM and 16 MB Flash on ROM daughter card.





## Controls

### Switches

Wake/sleep switch lid activated; wake key on keyboard

Backlight on/off switch on keyboard

Reset switch on back of unit





## I/O Interfaces

<b>Serial</b>	GeoPort/LocalTalk port. Uses DIN9 interface connector. Software switching to Newton Interconnect.
<b>Sound</b>	External headphone jack (plugged-in headphones disable internal speaker)
<b>PC Card Slot</b>	One slot PCMCIA type I/II/III Ejection button





## I/O Interfaces

### **Infrared**

Point-to-point short range IR  
115 kbps maximum data rate  
1 m maximum range

### **Power Adapter**

Power adapter port





## I/O Devices

### **Keyboard**

Built-in keyboard

### **Speaker**

One internal speaker

### **Tablet**

Non-glare finish





## Video

### **Video Display**

Black and white liquid crystal display  
480 x 320 pixels  
0.30 mm (85 dpi) dot pitch  
16 levels of gray  
Optimized for landscape orientation

### **Backlight**

Electro-luminescent backlight  
Yellow-green color  
Intended for momentary use in low-light conditions







## Electrical

### **Main Battery Pack**

Four AA nickel-metal-hydride (NiMH) batteries

Up to 24 hours of use before recharging

Storage capacity: 5.76 W

Fast-charge time: 1 hr.

Recharge life: 500 cycles

LED charging status

Off when AC adapter not attached

Amber while AC adapter attached and charging

Green with AC adapter attached and charged





## Physical

### Dimensions

**Length** 289.6 mm

**Width** 305.0 mm

**Depth** 53.3 mm

**Weight** 4.2 lb. (1.9 kg)





## Environmental

### Temperature

**Operating** 32° to 104° F (0° to 40° C)

**Storage** -13° to 140° F (-25° to 60° C)

**Relative Humidity** 5% to 95% noncondensing

**Operating Altitude** 0 to 10,000 ft. (0 to 3,048 m)

