



3MAX+

- MAX** Screen: 15.0" XGA TFT
- MAX** Battery: 2X battery life*
- MAX** Mobility: Approximately 7 lbs.** light; about 2" thin

PLUS:

- All-in-one design
- i.LINK® (IEEE 1394) interface



VAIO

FEATURES

- Intel® Pentium® III processor 650 MHz¹ featuring Intel® SpeedStep™ technology²
- 64 MB SDRAM (expandable to 256 MB max.)
- 12.0 GB³ hard drive
- 15.0" XGA (1024 x 768) TFT screen
- High-capacity Lithium-Ion battery, dual battery capability
- 7.3 lbs.** light, 2.1" thin
- All-in-one design with floppy drive, hard drive and DVD-ROM drive
- i.LINK® (IEEE 1394) S400 interface — supports high-speed digital video, audio and data transfer capabilities
- 8X max. DVD-ROM drive with DVD movie playback capability
- NTSC video out
- Integrated V.90 56K⁴ modem
- Three Programmable Power Keys (PPK) for easy access to key applications such as the Internet and email
- AGP enabled 256-bit graphics chip with 3D graphics support
- 6.0 MB SGRAM
- Built-in stereo speakers

* using optional second battery in floppy drive bay

**with weight saver in floppy drive bay

1 MHz denotes microprocessor internal clock speed; other factors may affect application performance.

2 The processor may be reduced to a lower operating speed when operating on battery power. 3 GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.

4 Due to FCC limitations, speeds of 53kbps are the maximum permissible transmit power levels during download transmissions. Actual data speeds will vary depending on line conditions.

5 Estimated battery life. Actual battery life may vary on usage.

6 Certain restrictions apply to Express Repair Service.

7 From date of purchase upon registration.

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SPECIFICATIONS

Model

PCG-F580K

Processor

Intel® Pentium® III processor 650 MHz¹ featuring Intel® SpeedStep™ technology²

Cache Memory

256 KB integrated on-die level 2

Bus Speed

100 MHz

Bus Architecture

PCI

LCD

15.0" XGA TFT

Graphics

NeoMagic® MagicMedia™ 256XL+ with 6.0 MB SGRAM, AGP, 3D graphics support, 128-bit accelerator and MPEG playback acceleration

Digital Audio

Hardware MIDI
Windows® sound system compatible
3D surround

MPEG

MPEG1 and MPEG2 digital video
Supports full screen playback

Standard RAM

64 MB SDRAM, expandable to 256 MB

Hard Drive

12.0 GB³ fixed

DVD-ROM Drive

8X max. fixed DVD-ROM drive with DVD movie playback capability

Floppy Disk Drive

Removable 1.44 MB,
3.5" internal operation
Floppy disk drive bay also supports second Lithium-Ion battery when floppy drive is removed

Modem

Integrated V.90 56K⁴ modem

Keyboard

86 key QWERTY layout
19mm key pitch
3mm stroke

Pointing Device

Static touch pad with scrolling function

Speaker

Built-in stereo speakers

Battery

Lithium-Ion battery
Supports dual battery operation

Battery Life

2.0–3.0 hours with one battery⁵
4.0–6.0 hours with optional second battery⁵

PC Card Slots

Supports two type II cards or one type III card
CardBus support

Infrared

Supports 4 Mbps, 1.1 Mbps and 115 kbps IrDA standard

Other Interfaces

Serial, parallel printer, VGA monitor, PS/2® keyboard/mouse, NTSC video out, USB(2), RJ-11 phone jack, i.LINK® (IEEE 1394) S400, mic-in, headphone, port replicator

Power Requirements

49.5 watts maximum (19.5V DC / AC100-240V)

Power Management

Energy Star compliant
Advanced power management - ACPI compatible

Size (H x W x D)

2.1" X 12.8" X 10.5"

Weight

7.3 lbs. (with weight saver in floppy drive bay)
7.7 lbs. (with floppy drive in floppy drive bay)

Supplied Accessories

Lithium-Ion battery, AC adapter, weight saver and video cable

Optional Accessories

Additional battery (PCGA-BP71)
Network port replicator (PCGA-PRF1A)
USB mouse (PCGA-UMS1/A)
Carrying case (PCGA-CCF)
Additional AC adapter (PCGA-ACX1)
External 4X4X20X max. CD-RW drive (PCGA-CDRW51/A)

Service

One year limited Express Service⁶

Limited Warranty

One year parts and labor (90 days without registration)⁷

Telephone Support

Hardware: One year⁷
Software and operating system: 90 days⁷

INCLUDED SOFTWARE

Operating System

Microsoft® Windows® 2000 Professional

Software Applications

Adobe Acrobat® Reader
Adobe PhotoDeluxe® Home Edition
Adobe Premiere® LE
ArcSoft® PhotoPrinter™ 2000 Pro
Intuit® Quicken® Basic 2000
McAfee® VirusScan®
Mediamatics DVExpress®
Microsoft® Word 2000
Sonic Foundry® Sound Forge® XP
Sony BatteryScope
Sony DVgate™
Sony Media Bar™
Sony MovieShaker™
Sony PictureGear™
Sony PowerPanel
Sony Smart Capture
Sony Smart Connect
Sony Smart Label
Sony Smart Pad
Sony Smart Publisher
Sony Smart Write
Online Center
QuickTime™
Netscape Communicator®