



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.

⁸ Requires payment of additional fees or subscription for use.

Sony Electronics Inc.

Personal Network Solutions Company

3300 Zanker Road, San Jose, California 95134

For more information: 1.800.4SONYPC (476-6972)

Web address: <http://www.sony.com/pc>

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Some pre-installed software titles may not include full documentation. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display.

©2000 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, i.LINK and VAIO are registered trademarks and 3MAX+, DVgate, Media Bar and PictureGear are trademarks of Sony. Intel and Pentium are registered trademarks of Intel Corporation. Microsoft and Windows are trademarks of Microsoft Corporation. All other trademarks are trademarks of their respective owners. This product meets the standards of the International Energy Star Program for energy efficiency. The Energy Star emblem does not represent EPA endorsement of any product or service. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

Printed in U.S.A. 07/00

SPECIFICATIONS

Model

PCG-F580

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® 98 Second Edition

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

Symantec® WinFax™ Basic Edition

Online Center

America Online®⁸

QuickTime™

AT&T WorldNet®⁸

CompuServe® 2000⁸

EarthLink Network TotalAccess®⁸

Microsoft® Internet Explorer for Windows®⁹

Netscape Communicator®

Prodigy Internet®⁸