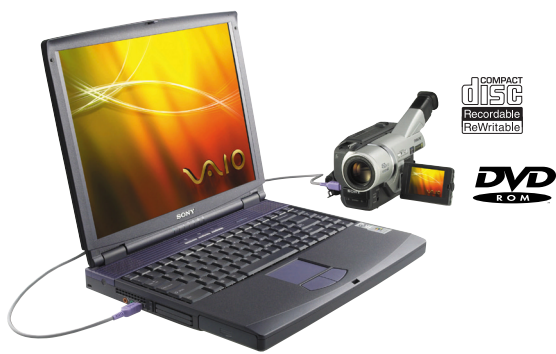


SONY

PCG-FX310 PCG-FX310K PCG-FX310P



3MAX™

Sony VAIO® FX Pro All-in-One Notebook

MAX Screen: 14.1" XGA (1024 x 768) TFT screen

MAX Battery: 2X battery life¹⁰

MAX Mobility: Approximately 6 lbs.² light;
about 2" thin

PLUS:

- All-in-one design with floppy drive, hard drive, and CD-RW/DVD combo drive
- i.LINK® (IEEE 1394) interface⁴
- Integrated 10/100Base-T Ethernet

Sony Digital Handycam® camcorder sold separately.



VAIO



FEATURES

- Mobile Intel® Celeron™ 900 MHz¹ processor
- All-in-one design with floppy drive, hard drive, and CD-RW/DVD combo drive
- 14.1" XGA (1024 x 768) TFT screen
- 128 MB RAM (expandable to 512 MB)
- 15 GB³ hard drive
- 10BASE-T/100BASE-TX integrated Ethernet
- AGP-enabled Intel® 815EM graphics chip with up to 11 MB video SDRAM (shared) and 3D graphics support and Intel's Dynamic Video Memory Technology
- Standard-capacity lithium-ion battery, dual battery capability
- i.LINK® (IEEE 1394) S400 interface⁴ supports high-speed digital video, audio, and data transfer capabilities among equipped Sony products
- NTSC video out
- Integrated V.90 modem
- Three Programmable Power Keys (PPK) for easy access to key applications
- Optional port replicator
- Built-in stereo speakers
- Available with Microsoft® Windows® XP Home Edition⁹, Microsoft® Windows® XP Professional⁹ and Microsoft® Windows® 2000 Professional⁹
- Built-in stereo speakers

SPECIFICATIONS

Model
PCG-FX310, PCG-FX310K and PCG-FX310P

Processor
Mobile Intel® Celeron™ processor 900 MHz¹

Cache Memory
128 KB integrated on-die level 2

Bus Speed
100 MHz

Bus Architecture
AGP

LCD
14.1" XGA (1024 x 768) TFT

Graphics
Intel® 815EM graphics chip with up to 11 MB video SDRAM (shared) and Intel's Dynamic Video Memory technology

Digital Audio
Intel® 815EM with 3D surround

MPEG
MPEG1 and MPEG2 digital video
Supports full screen playback

Standard RAM
128 MB SDRAM (128x1) expandable to 512 MB

Open Slots
1 SO:DIMM

Hard Drive
15 GB³ fixed

CD-RW/DVD Combo Drive
Fixed CD-RW/DVD combo drive

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

Ethernet
10BASE-T/100BASE-TX integrated Ethernet

Modem
Integrated V.90 modem

Keyboard
86 key QWERTY layout
19mm key pitch
3mm stroke

Pointing Device
Electro-Static touch pad

Speaker
Built-in stereo speakers

Battery
Lithium-ion battery (PCGA-BP1N)
Supports dual battery operation

Battery Life
1.5–2.0 hours with one battery⁵
5.0–6.0 hours with optional second battery⁵

PC Card Slots
Supports one or two type II or one type III PC card
CardBus support

Other Interfaces
Serial, parallel, VGA monitor, NTSC video out, USB(2), RJ-11 phone jack, i.LINK® (IEEE 1394) S400 interface⁴, mic-in, headphone, port replicator, RJ-45 Ethernet, port replicator

Power Requirements
58.5 watts maximum (19.5V DC / AC100-240V)

Power Management
Energy Star® compliant
Advanced power management - ACPI compatible

Size (H x W x D)
1.5"-1.9" X 12.8" X 10.5"

Weight
6.2 lbs. (with weight saver in floppy drive bay)
6.7 lbs. (with floppy drive in floppy drive bay)

Supplied Accessories
Lithium-ion battery, AC adapter, weight saver, floppy disk drive, power cord, and video cable

Optional Accessories
Additional battery (PCGA-BP71A)
Network port replicator (PCGA-PRFX1)
USB mouse (PCGA-UMS1A)
Carrying case (PCGA-CCF)
Notebook backpack (PCGA-CCP1)
Additional AC adapter (PCGA-AC19V1)
Wireless LAN Access Point (PCWA-A200)
Wireless LAN PC Card (PCWA-C100)

Service
One year limited Express Service⁶
One year parts and labor (90 days without registration)⁷

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
FX310: Microsoft® Windows® XP Home Edition⁹
FX310K: Microsoft® Windows® 2000 Professional⁹
FX310P: Microsoft® Windows® XP Professional⁹

Key Pre-Installed Software
Adaptec Easy CD Creator™¹³
Adobe Acrobat® Reader™
Adobe PhotoShop Elements™¹²
Adobe Premiere® LE
Arcsoft® PhotoPrinter 2000 Pro
Microsoft® Word 2002⁹
Norton AntiVirus™¹³
PC-Cillin® 2000
Quicken® 2001¹³ or 2002¹²
QuickTime™
RealNetworks® Real Jukebox™¹³
RealNetworks® RealPlayer™¹³
Sony DigitalPrint™¹²
Sony DVGate™
Sony MovieShaker™
Sony OpenMG™ Jukebox™¹³
Sony PictureGear™
Sony Smart Capture
Sony SonicStage™¹²
Sony VisualFlow™
VAIO® Support Agent
WinDVD™ 3.1

Online Center
America Online®⁸
Earthlink® Total Access®
Microsoft® Internet Explorer®⁸
Netscape Communicator®⁸
Sony Style Connect

real jukebox basic
Preloaded with RealJukebox for Sony

1 MHz denotes microprocessor internal clock speed; other factors may affect application performance.
2 With weight saver in floppy drive bay.
3 GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.
4 i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
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.
9 Certain software product(s) included with this computer may include features such as copy protection and content management technology. USE OF THE SOFTWARE PRODUCT(S) REQUIRES AGREEMENT TO APPLICABLE END USER AGREEMENTS AND FULL COMPLIANCE WITH APPLICABLE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and privacy policies will be detailed during initial launch of the software product(s), or upon certain re-installations of the software product(s) or reconfigurations of the computer, and may be completed by Internet or telephone (toll charges may apply).
10 Using optional second battery in floppy drive bay.
11 Not available on Windows® 2000 models.
12 Available with Windows® 2000 only.

Sony Electronics Inc.
For more information: 1.800.4SONYPC (476-6972)
Web address: <http://www.sony.com/vaio>

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.

©2001 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, i.LINK, VAIO are registered trademarks and DVgate, Jog Dial, Media Bar, PictureGear, Handycam, MovieShaker, OpenMG, 3Max+ and Visual Flow are trademarks of Sony. Intel SpeedStep technology 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. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.