

Ultimate Performance

POWERFUL PERFORMANCE

Enjoy the powerful performance of an Intel® Core™ i7 - 720QM processor (1.60GHz¹) with Intel® Turbo Boost Technology²¹ up to (2.80GHz¹) and 6GB of pre-installed system memory.

The VAIO® F Series notebook comes pre-installed with Genuine Microsoft® Windows® 7 Home Premium.

A NVIDIA® GeForce® 310M graphics card with 512MB VRAM¹⁰ ensures smooth high definition playback.

Store your favorite multimedia, important documents, and cherished family photos on the roomy 500GB² Serial ATA 7200rpm hard drive.

SMARTER TECHNOLOGY

A built-in Assist button launches VAIO Care™ software, a simple do-it yourself PC maintenance tool for tune-ups, troubleshooting and more.

Enjoying your media has never been more fun with the uniquely smart and easy-to-use Sony® Creativity Suite. Get instantly organized with smart sorting features, create personal masterpieces with easy-to-use creative tools and rediscover forgotten music and memories with breakthrough technology that recommends content based on your unique listening and viewing habits.

BORN FROM SONY® HD TECHNOLOGY.

Fall in love with your favorite movies all over again with an extra-wide, theater inspired 16.4" (1600x900) display⁴ using energy-efficient LCD technology.

The 16:9 aspect ratio ensures that you won't miss an inch of the original picture from your favorite movie while also providing valuable extra workspace. Compare two documents or websites side-by-side without the hassle of having to tab back and forth.

A Blu-ray Disc™ optical drive lets you playback²⁰ Blu-ray Disc™ movies in crystal-clear resolution.

Take advantage of the convenience and utility of DVD and CD read/write functionalities.

An HDMI™ output delivers video and audio to external sources via a single cable so you can enjoy HD entertainment on your compatible big screen TV without a myriad of extra cables (HDMI™ cable sold separately).

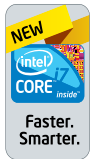
ENDLESS FEATURES

A backlit keyboard frames the keys with a soft glow and illuminates the lettering for convenient typing day or night.

The VAIO® F Series notebook, designed with dedicated AV Controls, makes navigating through your favorite multimedia quick and easy.

Stay connected to friends and family while on the road with real-time video conferencing¹¹ using the MOTION EYE® camera and microphone with face-tracking technology.

Maximum performance and amazing HD entertainment on a top-notch 16.4" widescreen notebook⁴ with a backlit keyboard and integrated number pad. And with a quad core Intel® Core™ i7 processor, dedicated NVIDIA® GeForce® graphics, and a Blu-ray Disc™ drive²⁰, you will experience the ultimate in smart performance and a razor-sharp picture with amazing depth and clarity.



Specifications

General

Computer Type: Notebook
 Action Buttons: S1,VAIO, Assist, Play / Pause / Stop,
 Wireless on / off, Display off
 Pointing Device: Electro-static touchpad (Multi-Finger)

Hardware

Keyboard: QWERTY, 103 keys with 2.0mm stroke and
 19.05mm pitch
 Camera: Built-in MOTION EYE® camera and microphone
 with face-tracking technology
 10-Key Numeric Pad: Yes
 Backlit Keyboard: Yes

Processor

Type: Intel® Core™ i7 - 720QM
 Speed: 1.60GHz¹ with Turbo Boost Technology up to
 2.80GHz
 Technology: Intel® Core™ 2 Quad Processor with Intel®
 Turbo Boost Technology²¹
 L3 Cache: 6MB

Memory

Installed: 6GB (4GB+2GB)
 Maximum: 8GB
 Type/Speed: DDR3/1333MHz

Hard Drive

Capacity: 500GB²
 Speed: 7200rpm
 Type: Serial ATA

Optical Drive

BD-R DL Read: 4x max
 BD-R Read: 4x max
 BD-RE DL Read: 4x max
 BD-RE Read: 4x max
 BD-ROM Read: 4x max
 Blu-ray Disc™ Support: Read Only²⁰ (BD-ROM)
 CD Support: Read / Write (CD-/R-/RW)
 DVD Support: Read / Write (DVD±R/±RW/±R DL-/RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™
 (STD / Duo) media slot with MagicGate® functionality
 One ExpressCard® /34 media slot
 One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio w/ Dolby®
 Home Theater® v3

Display

Screen Size: 16.4"⁴
 Resolution: 1600 x 900

Graphics

Processor: NVIDIA® GeForce® 310M GPU with Total
 Available Graphics Memory of 3319MB (max.)¹⁰
 Video RAM: 512MB of dedicated video RAM
 Chipset: Mobile Intel® PM55 Express Chipset
 Max. External Resolution via VGA: 2048x1536
 Max. External Display Resolution via HDMI™ : 1920x1080¹⁷

Inputs and Outputs

Headphone Jack: 1
 Microphone Input: 1
 USB Port(s): 2 (USB) 2.0, 1 (eSATA)
 VGA Output(s): 1
 DC-In: 1
 i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE
 1394)⁷
 S/PDIF Output(s): 1
 Ethernet Connection (s): 1
 HDMI™ Output: 1
 Internal Microphone: 1

Power

Battery Type: Standard Capacity Lithium-ion Battery
 Estimated Battery Life: Up to 4 hours⁷ Standard Capacity
 Battery
 Up to 6 hours⁷ Large Capacity Battery
 Power Requirements: 150W+10%

Start-up Times

Average Boot Time: 60 sec¹⁸
 Average Resume Time from Suspend: 2 sec¹⁸
 First Boot Time: 5 min¹⁹

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T
 Ethernet Speed: Fast Ethernet (RJ-45)
 Wi-Fi: 802.11 b/g/n³
 Bluetooth® Technology: Integrated Stereo A2DP (2.1 +
 EDR)¹⁵

Software

Operating System: Microsoft® Windows® 7 Home
 Premium 64-bit¹³
 Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day
 Trial Version of Microsoft® Home and Student 2007¹²
 Anti-Virus Software: Norton Internet Security™ 2010 30-Day
 Trial Offer¹⁴
 System Maintenance and Support: VAIO Care™ -
 System diagnostics and maintenance
 Sony® Creativity Suite: PMB – VAIO® Edition - Import,
 organize, edit and publish in one easy-to-use
 program
 VAIO® Media Gallery - Bring forgotten favorites to life
 VAIO® Media plus - Multimedia Streaming Software
 *Please access VAIO® Help and Support from your
 PC for a complete list of software applications and
 trials.

Service and Warranty Information

Telephone Support: 1 year toll-free technical assistance
 available 24/7⁹ at 888-476-6972
 Online and Email Support: Available at
<http://www.esupport.sony.com/EN/VAIO>
 Onsite/In-Home Service: 1 year limited warranty with
 Onsite/In-Home Service¹⁶. See actual warranty for
 details.
 International Service: 1 year international service plan.
 Registration required. See www.sony.com/IRSP
 for details.
 Limited Warranty Term: 1 year limited warranty⁸. See
 actual warranty for details.

Environmental Information

EPEAT™ : Silver
 RoHS®: Compliant
 ENERGY STAR®: 5.0

Dimensions

Weight: 6.9 lbs (with standard capacity battery)
 Measurements: 15.3"(W) x 1.22-1.62"(H) x 10.4"(D)⁵

Supplied Accessories

Standard Capacity Lithium-ion battery (5000mAh)
 AC Adapter
 Power Cord

Optional Accessories

Stick AC Adapter (VGP-AC19V15)
 Additional Standard Capacity Battery (VGP-BPS21A/B)
 Large Capacity Battery (VGP-BPL21)
 Campus Messenger Bag (VGP-AMB14/B)
 Bluetooth® Remote Mouse¹⁵ (VGP-BMS80)
 Bluetooth® Aluminum Slider Mouse¹⁵ (VGP-BMS10/B)
 Bluetooth® Keyboard¹⁵ (VGP-BKB1)

Color: Gray
 UPC Code: 027242790254

1. GHz denotes microprocessor internal clock speed and may vary.
 2. GB means one billion bytes when referring to hard drive capacity.
 Accessible capacity may vary. A portion of hard disk space is
 reserved as a recovery partition.
 3. Requires 802.11n compatible access point. Some functionality may
 require Internet services.
 4. Viewable area measured diagonally.

5. Measured at the narrowest point
 6. 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.
 7. Actual battery life may vary based on product settings, usage
 patterns and environmental conditions.
 8. See actual limited warranty for details. For a copy of Sony's warranty,
 please visit www.sony.com/pcsupport, call toll-free 888-476-6972
 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway
 Boulevard, Fort Myers, FL 33913.
 9. For certain third party software applications, Sony provides first level
 phone support. Additional telephone support may be available from
 the applicable 3rd party vendor. Availability and schedule for any
 such support is determined by the applicable software vendor.
 10. Total Available Graphics Memory refers to the new Windows®
 7 classification of graphics memory, which varies depending on the
 operating condition, version of device driver and system memory size.
 11. Broadband Internet service required along with third party services
 which may require a subscription or other service fee.
 12. 60 Day Trial Version of Microsoft® Office 2007. This trial software will
 work only for 60 days after you first use it. You will not be able to use
 the software if you don't activate it as described the first time you use
 the software. You can activate the software by Internet. Internet
 service charges may apply. If you want to keep using the software
 after the 60-day trial period, you must convert to the perpetual
 version. You can convert online by following the conversion
 instructions presented during setup and paying the required fees.
 13. Compatibility and performance in a 64-bit environment may vary.
 14. Norton Internet Security™ 2010 30-day subscription is pre-installed on
 your Sony VAIO PC. You need to activate the software for the
 product to work. After your 30-days are finished, buy Norton Internet
 Security to continue to be protected from viruses, hackers and
 identity theft.
 15. Interoperability and compatibility among Bluetooth® devices vary.
 16. When available, Sony will provide Onsite/In-Home Service in
 fulfillment of its limited warranty obligations. Any such services are
 subject to the terms and conditions of the limited warranty. See
 actual Limited Warranty for details. Onsite/In-Home Service will be
 provided via third party technician to be dispatched as needed
 following phone-based troubleshooting. Some repairs may be
 accomplished with self repair kits. Onsite/In-Home Service may not be
 available in all locations.
 17. Requires high definition-capable display with HDMI™ connector.
 Image quality will vary.
 18. Based on original factory image and will vary with product
 configuration changes and additional software added to the hard
 drive.
 19. Excluding end user interaction
 20. Certain circumstances may limit/prevent Blu-ray Disc™ media
 playback.
 21. Intel Turbo Boost Technology performance varies depending on
 hardware, software and overall system configuration. Check with
 your PC manufacturer on whether your system delivers Intel Turbo
 Boost Technology. For more information, see
<http://www.intel.com/technology/turboboost>

Computer Interface: For this product, there are a multitude of varying
 software packages and add-on hardware options. This product is not
 manufactured to work with 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 options except those mentioned here.
 Sony hereby disclaims any representations or warranties that this
 product is compatible with any combination of non-Sony products you
 may choose to connect to it. 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. Software titles pre-installed on the Sony computer are subject
 to change without notice. Preinstalled software may not be identical to
 retail versions or have all documentation. Features and specifications are
 subject to change without notice. Non-metric weights and measures are
 approximate and may vary.
 Lamp in this product contains mercury. Disposal of these materials may
 be regulated due to environmental considerations. For disposal or
 recycling information, please contact your local authorities or the
 Electronic Industries Alliance (www.eiae.org).
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 Centrino are registered trademarks and Core is a trademark of the Intel
 Corporation in the U.S. and in other countries. Bluetooth and the
 Bluetooth logo are registered trademarks of SIG, Inc. Symantec, the
 Symantec Logo, and Norton Internet Security are trademarks or
 registered trademarks of Symantec Corporation or its affiliates in the U.S.
 and other countries. Blu-ray Disc and the Blu-ray Disc logo are
 trademarks. HDMI is a trademark of HDMI Licensing LLC. All other
 trademarks are trademarks of their respective owners.
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