

# SONY®

## VAIO® Computer Specifications

### PCG-GRT100 Series

The following table details the range of hardware specifications available for your computer. The actual specifications for your computer will differ depending on the configuration options you purchased. Restrictions apply to certain combinations of available options. Specifications are subject to change without notice.

<b>Model</b>	<b>PCG-GRT100 Series</b>
<b>Processor options*</b>	<b>Available:</b> Mobile Intel® Pentium® 4 processor 2.0, 2.2, or 2.5 GHz <sup>†</sup> -M supporting Enhanced SpeedStep™ technology <sup>‡</sup> ; Intel® Pentium® 4 processor 2.40B, 2.66, or 2.80 GHz; or Mobile Intel® Celeron® processor 1.8 GHz
<b>L2 Cache Memory</b>	256 KB or 512 KB (CPU Integrated), depending on processor option
<b>Hard Disk Drive options*</b>	<b>Available:</b> 30, 40, 60, or 80 GB <sup>**</sup>
<b>C/D Partition</b>	C= 15 GB (NTFS), D= remainder (NTFS) (approximation)
<b>Standard RAM options*</b>	<b>Available:</b> 256, 512, or 1024 MB DDR-SDRAM <sup>††</sup> (Max. is 1024 MB) (Unbuffered DDR266 SO-DIMM gold lead contacts)
<b>LCD Screen options*</b>	<b>Available:</b> 14.1" XGA, 15" XGA, 15" SXGA+, 16" SXGA, and 16.1" UXGA
<b>Graphics options*</b>	<b>Available:</b> NVIDIA® GeForce™ FX Go5600 or NVIDIA® GeForce4™ 420 Go
<b>Video RAM</b>	32 or 64 MB DDR SDRAM, depending on graphics option
<b>Sound Capabilities</b>	Windows® sound system compatible AC97
<b>Optical Drive options*</b>	<b>Available:</b> CD-RW/DVD-ROM drive, DVD-RW drive, or DVD±RW drive (Reading and writing speeds vary depending on model)
<b>Wireless LAN Communication options*</b>	<b>Available:</b> Internal PCI card, with the following characteristics: IEEE 802.11b (IBSS Ad hoc mode support, DS-SS modulation) Max. 11 Mbps data transfer speed <sup>‡‡</sup> (approximation) Max. 100 meter communication distance <sup>***</sup> (approximation) 2.4 GHz band frequency
<b>Modem</b>	V.92/V.90 compatible modem <sup>†††</sup>
<b>Connection Capabilities</b>	2 Type I or II PC Cards, or one Type III PC Card, with CardBus support 3 USB 2.0 ports (high-/full-/low-speed supported) 1 Modem (RJ-11) jack 1 Memory Stick® slot 1 i.LINK® (IEEE 1394) port <sup>‡‡‡</sup> 1 Monitor (VGA) port 1 Printer (parallel) port 1 Ethernet port (RJ-45, 10BASE-T/100BASE-TX) 1 Microphone jack 1 Headphone jack 1 A/V Out jack 1 DC IN port 1 Port replicator connector

<b>Model</b>	<b>PCG-GRT100 Series</b>
<b>Supplied Accessories*</b>	AC adapter and power cord Rechargeable battery Weight saver
<b>Power Source</b>	19.5V DC/AC 100-240V
<b>Power Management</b>	Energy Star® Compliant Advanced Configuration and Power Interface (ACPI)
<b>Battery</b>	Lithium-ion
<b>Dimensions</b>	Unit dimensions will vary depending on the options selected.
<b>Weight</b>	Unit weight will vary depending on the options selected.
<b>Operating Temperature</b>	40° F to 95° F (5° C to 35° C)
<b>Operating Humidity</b>	20% to 80% (not condensed), provided that humidity is less than 65% at 95° F (35° C), hygrometer reading of less than 84° F (29° C)
<b>Storage Temperature</b>	-4° F to 140° F (-20° C to 60° C) (temperature gradient less than 18° F (10° C/hour)
<b>Storage Humidity</b>	10% to 90% (not condensed) provided that humidity is less than 20% at 140° F (60° C), hygrometer reading of less than 95° F (35° C)

\* Certain specifications differ depending on the specific configuration you purchased.

† GHz denotes microprocessor internal clock speed; other factors may affect application performance.

‡ The processor speed will be reduced under certain operating conditions.

\*\*GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.

†† Your system may contain additional memory installed at the time of purchase.

‡‡ Max. data communication/transfer speed per IEEE 802.11b standard. Speed will be reduced under certain operating and environmental conditions.

\*\*\*Communication distance will be reduced under certain operating and environmental conditions.

††† Maximum speed for faxing is 14.4 Kbps. Your modem is capable of downloading at 53 Kbps using V.90/56Kflex. Your online service or Internet Service Provider may not support this technology or operate at this speed.

‡‡‡ i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connection. The i.LINK connection may vary, depending on the software applications, operating system, and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other. Refer to the documentation that came with your compatible i.LINK device for information on operating conditions and proper connection. Before connecting compatible i.LINK PC peripherals to your system, such as CD-RW or hard disk drive, confirm their operating system compatibility and required operating conditions.