



## PCG-GRX315D / PCG-GRX315E

### Model name

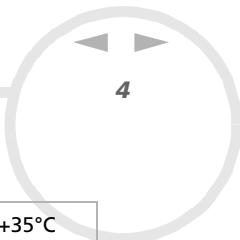
### PCG-GRX315D

### PCG-GRX315E

<i>Model number</i>	PCG-8A5M	PCG-8A4M
<i>Operating system</i>	Microsoft® Windows® XP Home Edition	
<i>Processor</i>	Mobile Intel® Pentium® 4 Processor 1.40 GHz-M	
<i>Hard disk drive</i>	20 GB	
<i>Standard RAM</i>	256 MB DDR SDRAM (on board)	
<i>Maximum RAM</i>	512 MB	
<i>LCD screen</i>	15.0" XGA (1024x768) p-Si TFT screen	
<i>L2 cache memory</i>	512 KB (on die)	
<i>MPEG</i>	MPEG 2 Digital Video Supports full-screen playback	
<i>Graphics</i>	ATI MOBILITY™ RADEON™ 7500 graphic chip with integrated graphic accelerator Video RAM: 36 MB DDR SDRAM with 3D accelerator	
<i>Sound capabilities</i>	16-bit CD-quality stereo sound	

<b>Model name</b>	<b>PCG-GRX315D</b>	<b>PCG-GRX315E</b>
<i>CD-ROM drive DVD-ROM drive CD-RW drive</i>	DVD-ROM drive: up to 24x max. CD-ROM reading speed up to 16x max. CR-RW reading speed up to 8x max. DVD-ROM reading speed  laser diode properties: wave length: DVD 654 nm / CD 786 nm laser output: DVD 8.87 mW / CD 28.3 mW	CD-RW/DVD-ROM drive: up to 24x max. CD-ROM reading speed up to 16x max. CD-R writing speed up to 12x max. CD-RW reading speed up to 10x max. CD-RW writing speed up to 8x max. DVD-ROM reading speed  laser diode properties: wave length: DVD 654 nm / CD 784 nm laser output: DVD 3.352 mW / CD 151.5 mW
<i>Internal modem</i>	Built-in modem V.90/K56Flex (56kbps) data/fax modem	
<i>Telecommunication capabilities</i>	Ethernet network, PSTN data connectivity	
<i>Expansion capabilities</i>	1 x PCMCIA type III Card 2 x PCMCIA type II Card 2 x PCMCIA type I Card and CardBus support	
<i>Built-in capabilities</i>	Stereo speakers, touchpad, Jog Dial™, white MagicGate Memory Stick™	
<i>Special buttons</i>	Jog Dial™	
<i>Connection capabilities on notebook</i>	Port replicator, phone line, i.LINK™ (IEEE1394) S400, 3 x USB, Ethernet network (LAN), monitor (VGA), parallel, external speakers or headphone, microphone, TV Out, AV mini jack (for computer out and line out), 1 x PCMCIA type III Card, 2 x PCMCIA type II Card, 2 x PCMCIA type I Card, DC In (AC adapter)	

<b>Model name</b>	<b>PCG-GRX315D</b>	<b>PCG-GRX315E</b>
<i>Supplied accessories</i>	Rechargeable battery, AC adapter, AC power cord, phone cable, phone plug, DVD-ROM drive	Rechargeable battery, AC adapter, AC power cord, phone cable, phone plug, CD-RW/DVD-ROM drive
<i>Power source</i>	19.5V DC/AC100-240V	
<i>Power management</i>	ENERGY STAR® compliant ACPI (Advanced Configuration & Power Interface)	
<i>Battery</i>	Lithium ion	
<i>Dimensions</i>		
<i>Width</i>	355 mm	
<i>Height</i>	42.4 - 44.0 mm	
<i>Depth</i>	292 mm	
<i>Weight</i>		
<i>With weight saver</i>	3.3 kg	
<i>Weight</i>		
<i>With 1 battery and weight saver</i>	3.7 kg	
<i>Weight</i>		
<i>With 1 battery and optical disc drive</i>	3.9 kg	
<i>Operating temperature</i>	+5°C to +35°C (temperature gradient less than 10°C/hour)	
<i>Storage temperature</i>	-20°C to +60°C (temperature gradient less than 10°C/hour)	



**Model name**

**PCG-GRX315D**

**PCG-GRX315E**

*Operating humidity*

20% to 80% (not condensed), provided that humidity is less than 65% at +35°C (hygrometer reading of less than 29°C)

*Storage humidity*

10% to 90% (not condensed), provided that humidity is less than 20% at +60°C (hygrometer reading of less than 35°C)

Specifications are subject to change without notice.



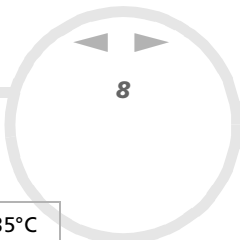
## PCG-GRX315MP / PCG-GRX316MP

**Model name** **PCG-GRX315MP** **PCG-GRX316MP**

<i>Model number</i>	PCG-8A3M	PCG-8A2M
<i>Operating system</i>	Microsoft® Windows® XP Professional	
<i>Processor</i>	Mobile Intel® Pentium® 4 Processor 1.50 GHz-M	Mobile Intel® Pentium® 4 Processor 1.60 GHz-M
<i>Hard disk drive</i>	30 GB	
<i>Standard RAM</i>	256 MB DDR SDRAM (on board)	
<i>Maximum RAM</i>	512 MB	
<i>LCD screen</i>	15.0" XGA (1024x768) p-Si TFT screen	16.1" UXGA (1600x1200) TFT screen
<i>L2 cache memory</i>	512 KB (on die)	
<i>MPEG</i>	MPEG 2 Digital Video Supports full-screen playback	
<i>Graphics</i>	ATI MOBILITY™ RADEON™ 7500 graphic chip with integrated graphic accelerator Video RAM: 36 MB DDR SDRAM with 3D accelerator	
<i>Sound capabilities</i>	16-bit CD-quality stereo sound	

<b>Model name</b>	<b>PCG-GRX315MP</b>	<b>PCG-GRX316MP</b>
<i>CD-ROM drive DVD-ROM drive CD-RW drive</i>	<p>CD-RW/DVD-ROM drive: up to 24x max. CD-ROM reading speed up to 16x max. CD-R writing speed up to 12x max. CD-RW reading speed up to 10x max. CD-RW writing speed up to 8x max. DVD-ROM reading speed</p> <p>laser diode properties: wave length: DVD 654 nm / CD 784 nm laser output: DVD 3.352 mW / CD 151.5 mW</p>	
<i>Internal modem</i>	Built-in modem V.90/K56Flex (56kbps) data/fax modem	
<i>Telecommunication capabilities</i>	Ethernet network, PSTN data connectivity	
<i>Expansion capabilities</i>	<p>1 x PCMCIA type III Card 2 x PCMCIA type II Card 2 x PCMCIA type I Card and CardBus support</p>	
<i>Built-in capabilities</i>	Stereo speakers, touchpad, Jog Dial™, white MagicGate Memory Stick™	
<i>Special buttons</i>	Jog Dial™	
<i>Connection capabilities on notebook</i>	<p>Port replicator, phone line, i.LINK™ (IEEE1394) S400, 3 x USB, Ethernet network (LAN), monitor (VGA), parallel, external speakers or headphone, microphone, TV Out, AV mini jack (for computer out and line out), 1 x PCMCIA type III Card, 2 x PCMCIA type II Card, 2 x PCMCIA type I Card, DC In (AC adapter)</p>	

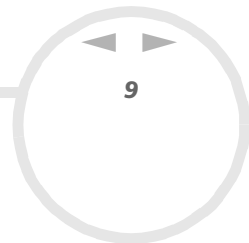
<b>Model name</b>	<b>PCG-GRX315MP</b>	<b>PCG-GRX316MP</b>
<i>Supplied accessories</i>	Rechargeable battery, AC adapter, AC power cord, phone cable, phone plug, CD-RW/DVD-ROM drive	
<i>Power source</i>	19.5V DC/AC100-240V	
<i>Power management</i>	ENERGY STAR® compliant ACPI (Advanced Configuration & Power Interface)	
<i>Battery</i>	Lithium ion	
<i>Dimensions</i>		
<i>Width</i>	355 mm	355 mm
<i>Height</i>	42.4 - 44.0 mm	39.8 - 44.4 mm
<i>Depth</i>	292 mm	292 mm
<i>Weight</i>		
<i>With weight saver</i>	3.3 kg	3.2 kg
<i>Weight</i>		
<i>With 1 battery and weight saver</i>	3.7 kg	3.6 kg
<i>Weight</i>		
<i>With 1 battery and optical disc drive</i>	3.9 kg	3.8 kg
<i>Operating temperature</i>	+5°C to +35°C (temperature gradient less than 10°C/hour)	
<i>Storage temperature</i>	-20°C to +60°C (temperature gradient less than 10°C/hour)	



<b>Model name</b>	<b>PCG-GRX315MP</b>	<b>PCG-GRX316MP</b>
<i>Operating humidity</i>	20% to 80% (not condensed), provided that humidity is less than 65% at +35°C (hygrometer reading of less than 29°C)	
<i>Storage humidity</i>	10% to 90% (not condensed), provided that humidity is less than 20% at +60°C (hygrometer reading of less than 35°C)	

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## PCG-GRX316SP

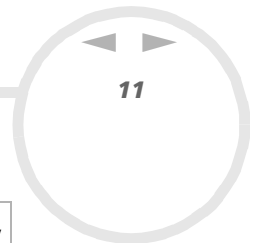
### Model name

**PCG-GRX316SP**

<i>Model number</i>	PCG-8A1M
<i>Operating system</i>	Microsoft® Windows® XP Professional
<i>Processor</i>	Mobile Intel® Pentium® 4 Processor 1.70 GHz-M
<i>Hard disk drive</i>	40 GB
<i>Standard RAM</i>	512 MB DDR SDRAM (on board)
<i>Maximum RAM</i>	512 MB
<i>LCD screen</i>	16.1" UXGA (1600x1200) TFT screen
<i>L2 cache memory</i>	512 KB (on die)
<i>MPEG</i>	MPEG 2 Digital Video Supports full-screen playback
<i>Graphics</i>	ATI MOBILITY™ RADEON™ 7500 graphic chip with integrated graphic accelerator Video RAM: 36 MB DDR SDRAM with 3D accelerator
<i>Sound capabilities</i>	16-bit CD-quality stereo sound

**Model name****PCG-GRX316SP**

<p><i>CD-ROM drive</i> <i>DVD-ROM drive</i> <i>CD-RW drive</i></p>	<p>CD-RW/DVD-ROM drive: up to 24x max. CD-ROM reading speed up to 16x max. CD-R writing speed up to 12x max. CD-RW reading speed up to 10x max. CD-RW writing speed up to 8x max. DVD-ROM reading speed</p> <p>laser diode properties: wave length: DVD 654 nm / CD 784 nm laser output: DVD 3.352 mW / CD 151.5 mW</p>
<p><i>Internal modem</i></p>	<p>Built-in modem V.90/K56Flex (56kbps) data/fax modem</p>
<p><i>Telecommunication capabilities</i></p>	<p>Ethernet network, PSTN data connectivity</p>
<p><i>Expansion capabilities</i></p>	<p>1 x PCMCIA type III Card 2 x PCMCIA type II Card 2 x PCMCIA type I Card and CardBus support</p>
<p><i>Built-in capabilities</i></p>	<p>Stereo speakers, touchpad, Jog Dial™, white MagicGate Memory Stick™</p>
<p><i>Special buttons</i></p>	<p>Jog Dial™</p>
<p><i>Connection capabilities on notebook</i></p>	<p>Port replicator, phone line, i.LINK™ (IEEE1394) S400, 3 x USB, Ethernet network (LAN), monitor (VGA), parallel, external speakers or headphone, microphone, TV Out, AV mini jack (for computer out and line out), 1 x PCMCIA type III Card, 2 x PCMCIA type II Card, 2 x PCMCIA type I Card, DC In (AC adapter)</p>

**Model name****PCG-GRX316SP**

<i>Supplied accessories</i>	Rechargeable battery, AC adapter, AC power cord, phone cable, phone plug, CD-RW/DVD-ROM drive
<i>Power source</i>	19.5V DC/AC100-240V
<i>Power management</i>	ENERGY STAR® compliant ACPI (Advanced Configuration & Power Interface)
<i>Battery</i>	Lithium ion
<i>Dimensions</i> <i>Width</i> <i>Height</i> <i>Depth</i>	355 mm 39.8 - 44.4 mm 292 mm
<i>Weight</i> <i>With weight saver</i>	3.2 kg
<i>Weight</i> <i>With 1 battery and weight saver</i>	3.6 kg
<i>Weight</i> <i>With 1 battery and optical disc drive</i>	3.8 kg
<i>Operating temperature</i>	+5°C to +35°C (temperature gradient less than 10°C/hour)
<i>Storage temperature</i>	-20°C to +60°C (temperature gradient less than 10°C/hour)



**Model name**

**PCG-GRX316SP**

<i>Operating humidity</i>	20% to 80% (not condensed), provided that humidity is less than 65% at +35°C (hygrometer reading of less than 29°C)
<i>Storage humidity</i>	10% to 90% (not condensed), provided that humidity is less than 20% at +60°C (hygrometer reading of less than 35°C)

Specifications are subject to change without notice.