

Product Specification

P1 EXPRESS DUAL

Processor	Intel® Core™ Duo Processor T2300(1.66GHz) ~, 667MHz FSB, 2MB L2 Cache	
Chipset	Mobile Intel® 945PM / GM Express	
Operating System	Microsoft® Windows® XP Home/XP Professional	
Memory	512/1024/2048MB DDR2(667/533MHz, Dual Channel Support, Up to 4GB)	
Display	15.4" WXGA+(1440x900)/WSXGA+(1680x1050), *Fine Bright Technology	
Graphics	ATI® Mobility™ Radeon® X1300/X1400/X1600 (up to 512MB *HyperMemory™ or Intel® GMA950 (up to 256MB)	
HDD	80/100/120GB(SATA/PATA)	
ODD	DVD Combo / DVD Super Multi Dual Layer (DVD-R/RW, +R/RW, RAM)	
Communications	Wireless	Intel® Pro/Wireless 3945ABG(802.11a/b/g)*
	W-LAN Antenna	Dual Hexa-band Antenna
	Modem	56kbps Modem
	LAN	Gigabit Ethernet
	Bluetooth	*Yes (BlueCore™4)
Security	*Fingerprint, *TPM, HDD Security	
Input Device	Keyboard	Full Size 99Keys with Inlaid Numeric Keypad
	Pointing Device	Touchpad with Scroll Function
Direct Media Experience	Yes	
Expansion Slot	Multimedia Card Slot	5-in-1 (XD/SD/MMC/MS/MS Pro)
	PC Card Slot	ExpressCard/54 or PCMCIA Type II
Audio	SRS TruSurround XT, SRS WOW XT, 5.1CH Dolby Digital, XTS Pro, 24bit High Definition, Stereo Speakers (3W), Internal-MIC	
Input/Output Port	3USB, VGA, RJ11, RJ45, S-Video, IEEE 1394, Mic-in, Line-in(S/PDIF), Headphone	
Battery	6Cell(Li-Ion), 9Cell(Li-Ion, Optional)	
AC Adapter	90W	
Software	IP Operator, Battery Miser, On Screen Display, Norton Anti-Virus, CyberLink DVD Solution™, Recovery CD, LG Intelligent Update CD	
Port Replicator	Yes(Optional)	
Dimensions(WxDxH)	355.2 x 261.2 x 31.7 mm	
Weight	2.78 Kg (with a 6cell battery)Modem	

- Product specifications and features may differ depending on models and countries and are subject to change without notification.
- HyperMemory™ is the cumulative total of local and system memory used by the Graphics Processing Unit (GPU) intended for use in the processing and creation of 3D and other images and can be applicable to select models featuring ATI® Mobility™ Radeon® X1K Series (Up to 512MB of total graphics memory can be supported and graphics memory may differ depending on the amount of dedicated graphics memory and available system memory)
- Weight may vary depending on model configuration, vendor components and options selected.
- Height is thickness measured at the thinnest part of the product selected.
- marks the features available on select models or configurations only.



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Front



Top



Port Replicator(optional)

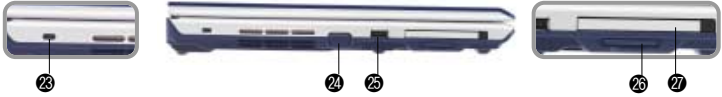
Extendibility beyond the Desktop



Right



Left



Rear



- ① Speaker ② Number Lock ③ Caps Lock ④ Wireless ⑤ Direct Media Experience ⑥ Volume +/-
- ⑦ SRS TruSurround XT / WOW XT ⑧ Power(Button) ⑨ Touch Pad ⑩ Scroll ⑪ Inlaid Numeric Keypad
- ⑫ Fingerprint Reader ⑬ MIC ⑭ AC-IN(Indicator) ⑮ Power(Indicator) ⑯ Battery ⑰ HDD ⑱ MIC-IN
- ⑲ Headphone ⑳ Line-In/SPDIF combo ㉑ ODD ㉒ USBx2 ㉓ Kensington Lock ㉔ VGA ㉕ USBx1
- ㉖ 5-in-1 Muleimedia Card Slot ㉗ ExpressCard/ 54 or PCMCIA ㉘ S-Video ㉙ RJ11, RJ45 ㉚ AC-IN

Accessories



Port Replicator
(Optional)

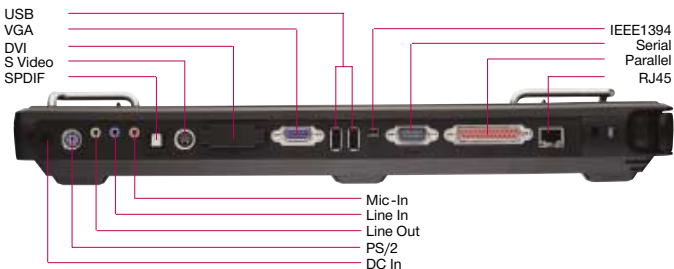


9 Cell High Capacity Battery
(Optional)



AC Adapter

* Actual product may differ from images shown.





EXPRESS DUAL

15.4" Widescreen Dual Power Entertainer





EXPRESS DUAL

15.4" Widescreen Dual Power Entertainer



A⁺bsolute Dual Power



Intel® Centrino® Duo Mobile Technology based on the Intel® Core™ Duo Processor

Intel® Centrino® Duo Mobile Technology with Intel® Core™ Duo Processor delivers breakthrough mobile performance for multi-tasking capabilities. By using two cores and faster 667MHz FSB, dual-core processor provides significant performance increase at the same frequency in comparison with Intel® Pentium® M processor (533MHz FSB, 2MB L2 cache). With Intel® Centrino® Duo Mobile Technology based on Intel® Core™ Duo Processor, you are able to do more at the same time and experience riveting, rich digital entertainment on the go.



Dual Hexa-Band Antenna and Tri-mode (802.11 a/b/g) Support

Dual Hexa Band Antenna has dual receiving components which divide frequency band into 6 sub-bands. It makes wireless connections more stable and provides wider coverage. All standards (single, dual band, and tri-mode) of wireless connections are supported. (on select models)



Dual Channel Memory Configuration Support & Faster 667MHz DDR2 Memory

Intel® Centrino® Duo Mobile Technology with Intel® Core™ Duo Processor supports enhanced DDR2 memory capability operating at a faster 667 MHz compared to previous generation Centrino®. In addition, memory capability can be enhanced with dual channel configuration. (on select models)



Dual Layer Recording – DVD Super Multi

Burns in all formats of DVD+/-RW, including DVD-RAM, the equivalent of approximately 12 data CDs (about 8.5GB) onto a dual-layer DVD. (on select models)



Next Generation Bluetooth : BlueCore™4

BlueCore™4 (Bluetooth v2.0+EDR*) delivers data rates up to 3-times faster than current Bluetooth v1.1 or v1.2 devices. Ideal for high-data rate/multi-link PC applications. Print, mouse, and listen to music at the same time with no impact on connection stability or performance.

Bluetooth provides wireless voice, data, and video transmission with bluetooth-enabled mobile devices at distances of up to 10 meters (30 feet) with low power consumption. (on select models)

*EDR : Enhanced Data Rate

A+bsolute Multimedia Power



Cinematic Quality Graphics Experience with ATI's New Mobility™ Radeon® X1K Series (X1 300, X1 400, X1 600)

The new ATI® Graphics processor delivers outstanding 3D graphics through ultra-threaded architecture and Avivo™ video and display technology. View DVDs and streaming video with stunning image quality. Play games with smooth performance and cinematic effects. For sharper images, crisper text, and more vivid color, the ATI® Mobility Radeon® X1K family is designed to power your digital life. ATI® HyperMemory™ technology delivers optimal graphics performance with up to 512MB of larger total graphics memory. (on select models)

*The amount of HyperMemory™ is determined by the amount of dedicated graphics memory and available system memory.

3DMARK⁰⁵

PCI Express - based ATI® Graphics Performance Comparison

Graphics	Performance (3D Mark 2005 scores)
X1600	4050
X1400	2300
X1300	1800
X600	1500

3D Mark 2005 scores may differ depending on system configuration.

Source : ATI®

Cinema Quality Sound



Improves audio dynamics and the reproduction of low frequency bass signals.



Premium virtual surround sound experience!



Dolby Digital is a highly sophisticated and versatile audio encoding/decoding technology. Dolby Digital technology can transmit up to 5.1-channel surround sound (discrete multichannel audio).

*Dolby and the double-D symbol are registered trademarks of Dolby Laboratories.



5.1 discrete channel of cinematic surround sound with an integrated 5.1CH decoder and Dolby Digital.



LG's exclusive XTS Pro sound technology that creates a perfect balance between the low and high sound frequencies transmits CD, DVD and other media-stored sound sources to speakers as optimized signals, removing signal distortion, which occurs as speakers create sound.



Superior 24 bit sound quality compared to conventional 16 bit sound.







Fine Bright LCD Technology

Astonishingly improves the visual experience with more vibrant and sharper images on the screen. (on select models)



DME(Direct Media Experience) - Windows Instant Player

Push the DME button to experience easy and convenient access to any user-designated digital media application.



External speakers not included



5-in-1 Multimedia Card Slot: XD/SD/MMC/MS/MS PRO

Easy interface for your digital devices with a built-in 5-in-1 multimedia card slot.



Does it say Duo?