## The new MacBook Pro

State-of-the-art processors. All-new graphics. Breakthrough high-speed I/O. Three very big leaps forward.



Display  13.3-inch (diagonal) LED-backlit glossy widescreen display, 1280-by-900 resolution  15.4-inch (diagonal) LED-backlit glossy widescreen display, 1440-by-900 resolution  15.4-inch (diagonal) LED-backlit glossy widescreen display, 1840-by-900 resolution  15.4-inch (diagonal) LED-backlit glossy widescreen display of 133MHz DGT 38 Parklit Parklit Widescreen line of 1340-by-900 parklit Parklit Widescreen line of 1650-by-900 parklit Widescreen line of 1650-by-900 parkling line of 1650-by-900	Order no.	MD313LL/A	MD314LL/A	MD318LL/A	MD322LL/A	MD311LL/A
Memory  Graphics  Graphics  Intel HD Graphics 3000 processor with 394MB of 1333MHz DDR3 SDRAM, supports up to 85B  Intel HD Graphics 3000 processor with 394MB of DDR3 SDRAM shared with main memory  Intel HD Graphics 3000 man AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching optical Drive  Slot Loading Optical Drive  Networking  Wireless  Wireless  Wireless  Wireless  One Thunderbolt port (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 480 Mbps), SDXC card slot  Input  Full-size backlit keyboard with 78 (U.S.) or 79 (ISO) keys, including 12 function keys and 4 arrow keys (inverted "1" arrangement) Multi-Touch drackpad for precise cursor control, supports inveited scraling, pinch, rolate, swipe, three-finger swipe, flow-finger swipe, and drag capabilities  Audio  Stereo speakers with subwoofer, ormidirectional microphone, combined headphone/line in (supports digital output)  Video  Balli-in 63.5-wat-hour lithium-polymer battery 60V MgaSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Size and Weight  Height: 0.95 inch (2.41 cm) Width: 12.78 inches (32.5 cm) Depth: 0.95 inch (2.42 cm) Depth: 0.95 inches (2.54 kg)  Wish to 4 kg)  Size and Weight  Size and Weight  Size and Weight  Core Thunderbolt port (up to 7 hrs wireless web)  Intel HD Graphics 3000° and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching and AMD Radeon HD 6770M with automatic graphics switching		13.3-inch (diagonal) LED-backlit glossy widescreen		15.4-inch (diagonal) LED-backlit glossy widescreen		17-inch (diagonal) high- resolution LED-backlit glossy or optional antiglare widescreen display, 1920-by-1200
Intel HD Graphics 3000 processor with 384MB of DR3 SDRAM shared with main memory.**   Intel HD Graphics 3000* and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and AMD Radeon HD 6750M with automatic graphics switching and propriets and a switching and propriets and and a switching and propriets and a switching and propriets and a switching and propriets are also as a switching and propriets and propriets are also as a switching and propriets are also as a switching and propriets are also as a switching and propriets and propriets are also as a switching and propriets and propriets are also as a switching and propriets and propriets and propriets are also as a switching and propriets and	Processor				2.4GHz quad-core Intel Co	re i7
Intel HD Graphics 3000 processor with 384MB of both 25 Source (intel HD Graphics 3000° and AMD Radeon HD 6750M with automatic graphics switching with automatic graphics switching (intel HD Graphics 300° and AMD Radeon HD 6750M with automatic graphics switching (intel HD Graphics 300° and AMD Radeon HD 6750M with automatic graphics switching (intel HD Graphics 300° and AMD Radeon HD 6750M with automatic graphics switching (intel HD Graphics 300° and AMD Radeon HD 6750M with automatic graphics switching (intel HD Graphics 300° and AMD Radeon HD 6750M with automatic graphics switching (intel HD Graphics 300° and AMD Radeon HD 6750M with automatic graphics switching (intel HD Graphics 300° and AMD Radeon HD 6750M with automatic graphics switching (intel HD Graphics 300° and AMD Radeon HD 6750M with automatic graphics switching (intel HD Graphics 300° and AMD Radeon HD 6750M with automatic graphics switching (intel AMD Process) (intel	Memory	4GB (two 2GB SO-DIMMs)	of 1333MHz DDR3 SDRAM	supports up to 8GB		
Slot Loading Optical Drive  Networking  Wireless  Expansion  One Thunderbolt port (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 480 Mbps), SDXC card slot  Full-size backlit keyboard with 78 (U.S.) or 79 (ISO) keys, including 12 function keys and 4 arrow keys (inverted "T arrangement) Multi-Touch trackpad for precise cursor control, supports inertial scrolling, pinch, rotate, swipe, three-dinger swipe, four-finger swipe, incur-finger swipe, incur-fined microphone, combined headphone/line in (supports digital output)  Battery  Battery  Battery  Battery  Jone Thunderbolt port (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 800 Mbps), two USB 2.0 ports (up to 800 Mbps), three USB 2.0 ports (up to 480 Mbps), store (up to 480 Mbps), store (up to 800 Mbps), three USB 2.0 ports (up to 480 Mbps), store (up to 800 Mbps), three USB 2.0 ports (up to 480 Mbps), store (up to 800 Mbps), three USB 2.0 ports (up to 1800 Mbps), three U	Graphics					and AMD Radeon HD 6770M with automatic
Networking   10/100/1000BASE-T (Gigabit) Ethernet		,	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	750GB Serial ATA; 5400 rp	om
Wireless  Wi-Fi (based on IEEE 802.11n specification) <sup>2</sup> ; Bluetooth 2.1 + EDR (Enhanced Data Rate) wireless technology  One Thunderbolt port (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 800 Mbps), two USB 2.0 ports (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 800 Mbps), three USB 2.0 ports (up to 400 Mbps), three USB 2.0 ports (up to 400 Mbps), three USB 2.0 ports (up to 400 Mbps), three USB 2.0 ports (up to 40	Optical Drive	8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)				
Battery  Battery  Battery  One Thunderbolt port (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 800 Mbps), two USB 2.0 ports (up to 800 Mbps), three USB 2.0 ports (up to 480 Mbps), three U	Networking	10/100/1000BASE-T (Gigabit) Ethernet				
Does Thunderbolt port (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 800 Mbps), three USB 2.0 ports (up to 480 Mbps), SDXC card slot  Input  Full-size backlit keyboard with 78 (U.S.) or 79 (ISO) keys, including 12 function keys and 4 arrow keys (inverted *T* arrangement) Multi-Touch trackpad for precise cursor control; supports inertial scrolling, pinch, rotate, swipe, three-finger swipe, four-finger swipe, tap, double-tap, and drag capabilities  Audio  Stereo speakers with subwoofer, ornnidirectional microphone, combined headphone/line in (supports digital dual)  Video  FaceTime HD camera; Thunderbolt port with support for DVI, VGA, dual-link DVI, and HDMI (requires adapters, sold separately)  Built-in 63.5-watt-hour lithium-polymer battery 60W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Size and Weight  Height: 0.95 inch (2.41 cm) Width: 12.78 inches (32.5 cm) Depth: 8.94 inches (22.7 cm) Weight: 4.5 pounds (2.04 kg)  Weight: 5.6 pounds (2.54 kg)  to 10 Gbps), not 610 pot with 800 Mbps), three USB 2.0 ports (up to 4800 Mbps), three USB 2.0 ports (in the 4700 Mbps), processed and 4 arrow keys (inverted *T arrangement) Multi-Touch 4700 Mbl.  Built-in 77.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Height: 0.95 inch (2.41 cm) Width: 14.35 inches (36.4 cm) Depth: 10.51 inches (26.7 cm) Weight: 6.5 pounds (2.99	Wireless	Wi-Fi (based on IEEE 802.11n specification) <sup>2</sup> ; Bluetooth 2.1 + EDR (Enhanced Data Rate) wireless technology				
Input trackpad for precise cursor control; supports inertial scrolling, pinch, rotate, swipe, three-finger swipe, four-finger swipe, tap, double-tap, and drag capabilities  Stereo speakers with subwoofers, omnidirectional microphone, combined headphone/line in (supports digital output)  Video FaceTime HD camera; Thunderbolt port with support for DVI, VGA, dual-link DVI, and HDMI (requires adapters, sold separately)  Built-in 63.5-watt-hour lithium-polymer battery 60W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 63.5-watt-hour lithium-polymer battery 80W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Height: 0.95 inch (2.41 cm) Width: 15.47 inches (30.3 cm)  Depth: 8.94 inches (22.7 cm) Weight: 4.5 pounds (2.94 cm)  Weight: 5.6 pounds (2.54 kg)  Weight: 5.6 pounds (2.54 kg)	Expansion	One Thunderbolt port (up to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 480 Mbps), SDXC card slot  to 10 Gbps), one FireWire 800 port (up to 800 Mbps), two USB 2.0 ports (up to 800 Mbps), three USB 2.0 ports (up to 480 Mbps),				
Audio  microphone, combined headphone/line in (supports digital output)  Video  FaceTime HD camera; Thunderbolt port with support for DVI, VGA, dual-link DVI, and HDMI (requires adapters, sold separately)  Built-in 63.5-watt-hour lithium-polymer battery 60W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 95-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  WagSafe power port up to 7 hrs wireless web  Height: 0.95 inch (2.41 cm) Width: 12.78 inches (32.5 cm) Depth: 8.94 inches (22.7 cm) Weight: 4.5 pounds (2.04 kg)  Weight: 5.6 pounds (2.54 kg)  Weight: 5.6 pounds (2.54 kg)	Input	trackpad for precise cursor control; supports inertial scrolling, pinch, rotate, swipe, three-finger swipe, four-finger swipe, tap, double-tap, and drag capabilities				
Battery  Built-in 63.5-watt-hour lithium-polymer battery 60W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Biglit-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 77.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 77.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Height: 0.95 inch (2.41 cm) Width: 12.78 inches (32.5 cm) Depth: 8.94 inches (22.7 cm) Weight: 4.5 pounds (2.04 kg)  Height: 0.95 inch (2.41 cm) Width: 14.35 inches (36.4 cm) Depth: 9.82 inches (24.9 cm) Weight: 5.6 pounds (2.54 kg)  Weight: 5.6 pounds (2.54 kg)	Audio	microphone, combined headphone/line in (supports				
Built-in 63.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe Power port up to 7 hrs wireless web  Built-in 77.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 77.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Built-in 77.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port digital/analog) up to 7 hrs wireless web  Built-in 77.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port digital/analog) up to 7 hrs wireless web  Built-in 77.5-watt-hour lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port up to 7 hrs wireless web  Height: 0.95 inch (2.41 cm) Width: 15.47 inches (32.5 cm) Depth: 8.94 inches (22.7 cm) Weight: 4.5 pounds (2.54 kg)  Width: 14.35 inches (36.4 cm) Depth: 9.82 inches (24.9 cm) Weight: 5.6 pounds (2.54 kg)  Weight: 5.6 pounds (2.54 kg)	Video					
Size and Weight  Height: 0.95 inch (2.41 cm) Width: 12.78 inches (32.5 cm) Depth: 8.94 inches (22.7 cm) Weight: 4.5 pounds (2.04 kg)  Height: 0.95 inch (2.41 cm) Width: 14.35 inches (36.4 cm) Depth: 9.82 inches (24.9 cm) Weight: 5.6 pounds (2.54 kg)  Height: 0.95 inch (2.41 cm) Width: 15.47 inches (39.3 cm) Depth: 10.51 inches (26.7 cm) Weight: 6.6 pounds (2.99 kg)	Battery	MagSafe Power Adapter with cable management		MagSafe Power Adapter with cable management		lithium-polymer battery 85W MagSafe Power Adapter with cable management system MagSafe power port digital/analog) up to 7
Price 1199.00 1499.00 1799.00 2199.00 2499.00	Size and Weight	cm) <b>Depth</b> : 8.94 inches (22.7 cm) <b>Weigh</b> t: 4.5 pounds (2.04 kg)		Width: 14.35 inches (36.4 cm) Depth: 9.82 inches (24.9 cm) Weight: 5.6 pounds (2.54 kg)		cm) Width: 15.47 inches (39.3 cm) Depth: 10.51 inches (26.7 cm) Weight: 6.6 pounds
	Price	1199.00	1499.00	1799.00	2199.00	2499.00

Included Software: Mac OS X v10.6 Snow Leopard (includes iTunes, Time Machine, Quick Look, Spaces, Spotlight, Dashboard, Mail, iChat, Safari, Address Book, QuickTime, iCal, DVD Player, Photo Booth, Front Row, Xcode Developer Tools) iLife (includes iPhoto, iMovie, iDVD, iWeb, GarageBand)

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