

Product guide

Equip your office to do it all



HP LaserJet Pro MFP M127fn



October 2013

Table of contents

- 3** Professional-quality results, on budget
- 4** Product walk around
- 5** Top features at a glance
- 6** Handle the essentials, with ease
- 7** Print on your terms
- 8** Set the pace for success
- 9** Conserve resources without sacrificing performance
- 10** Technical specifications
- 13** Ordering information

Professional-quality results, on budget

Tackle all of your paper tasks and complete projects with ease using the HP LaserJet Pro MFP M127fn. Print, copy, scan, and fax with this full-featured, budget savvy device. Produce professional business documents that will help show your business best. Ethernet connectivity plus mobile features keep you connected to printing across the office and on the go.¹

Who can benefit?

This multifunction printer is ideal for cost-conscious business customers looking to boost productivity for everyday office tasks—from printing and copying, to scanning and faxing. This compact, network-ready device will fit right in with its quick, easy setup and intuitive controls. Plus, this affordable MFP can help businesses improve their bottom line with ENERGY STAR® certification and HP's intelligent Auto-On/Auto-Off Technology.²



Product walk around

- 1 35-sheet automatic document feeder
- 2 Plate glass scanner handles up to 216 x 297 mm (8.5 x 11.7 in) paper
- 3 100-sheet face-down output bin
- 4 2-line LCD text display
- 5 150-sheet input tray
- 6 Hi-Speed USB 2.0 printing port
- 7 Fast Ethernet network port for easy sharing
- 8 600 MHz processor, 128 MB RAM
- 9 Fax port, RJ-11
- 10 Power connection



Front view



Rear view

Top features at a glance

Take office efficiency to the next level—print, copy, scan and fax, with an affordable, networked MFP. Produce crisp, clear documents for all your everyday business needs. Set up and complete jobs with ease, using intuitive controls. Stay productive with a device that enables easy printing from smartphones, tablets, and PCs, in the office or away.¹



Easy ID copy

Handle the essentials, with ease

- Finish tasks with less effort. Copy, scan, and fax multipage documents hands-free using the automatic document feeder.
- Quickly capture two-sided ID cards or small documents in fewer steps.
- Produce professional-quality documents, and handle your printing efficiently. Avoid wasted supplies, reprints, and costly delays.



HP ePrint

Print on your terms

- Print to this MFP from virtually anywhere using your smartphone, tablet, and PC—with HP ePrint and Apple® AirPrint™.¹
- Share all your printer has to offer. Easily add this MFP to your Ethernet network and share it with co-workers. Print from any desk—it's as easy as that.

Set the pace for success

- Speed through document tasks. Print, copy, and scan at high speeds that keep up with the pace of business.
- Easily manage your MFP with convenient device management tools.



Auto-Off technology

Conserve resources without sacrificing performance

- Reduce clutter and waste. Scan, store, and share documents digitally.
- Help save energy with HP Instant-on Technology. Save even more and stay productive with HP Auto-On/Auto-Off Technology—intelligence that can turn your printer on when you need it and off when you don't.²
- Help improve the environment and your bottom line with this ENERGY STAR® qualified MFP.
- Help reduce your impact. Easily recycle Original HP LaserJet toner cartridges through HP Planet Partners.³

Handle the essentials, with ease

Accelerate your office tasks with an MFP that's easy to use and easy on your budget. Fax and copy multiple pages hands-free using the automatic document feeder. Easily copy both sides of a two-sided ID card onto the front of a single page. Get consistent, reliable results for impressive business documents.

Control made easy

The HP LaserJet Pro MFP M127fn has an intuitive control panel with a 2-line LCD text display. The simple control panel helps you set up each project easily and get started right away.



Copy

Finish projects fast

The 35-page automatic document feeder (ADF) offers convenient, unattended copying and faxing of multiple-page documents. Simply place your originals in the ADF, use the buttons on the front control panel to select copy settings, or enter a fax number using the numeric keypad—then walk away or attend to other tasks.

Copy with fewer steps

The device may be used as a standalone, walk-up copier. You can adjust all copy settings at the control panel, including adjustment settings for contrast and lightness/darkness of reproduction, reduction or enlargement from 25 to 400 percent, and copy optimization, which automatically detects the document type and adjusts settings for the best results.

There's even a setting for easily copying two-sided ID cards. Choose ID Copy from the control panel to capture both sides of a double-sided identification card and print them on one side of a single page for reporting and filing.

Make an impression

Achieve outstanding printing results, uninterrupted—thanks to the exceptional reliability and consistency of Original HP toner cartridges. Make your business look its best with professional-quality documents, and handle your printing fast and on budget. Avoid wasted supplies, reprints, and costly delays.

Print on your terms

Stay productive with easy printing from your smartphone, tablet, or PC—from anywhere in the office or on the go.¹ Easily share the MFP with others on the network.

The easiest way to print at work, home or on the go

Enjoy the convenience of printing from your tablet, smartphone, and other mobile devices. HP makes it easy to stay connected, with a variety of mobile printing solutions.

Print in your office or home

- If you have an iPad®, iPhone® or iPod touch®, use Apple AirPrint to print right from your device—no need to install anything.⁴ Just tap the action icon on the photo or document you want to print, select Print, then select the HP LaserJet Pro MFP M127fn from the printer list and hit Print again.
- With a Windows 8 phone, select Devices from the charms tab on the item you want to print, choose the HP LaserJet Pro MFP M127fn, and hit Print.¹ It's that simple!
- With a Samsung Galaxy S® 4 smartphone or HP Slate 7 tablet, printing is just as easy, because print drivers are built into the Android operating system. When you're ready to print, just go to the Menu, select Print, select the HP LaserJet Pro MFP M127fn, and hit Print again.¹
- If you have another type of Android device,⁵ simply download and open the HP ePrint app,¹ choose the item you want to print, confirm your printer settings, and select Print.



HP ePrint

Print while on the road or out and about

HP ePrint provides a simple way to print from any device capable of sending an email¹. Each HP ePrint-enabled printer has its own unique email address. Just attach a file that you want to print to an email message and send that message to your MFP. With HP ePrint, you can print from virtually anywhere, at any time.¹

Add more ways to print with an optional HP mobile printing accessory

You can easily add wireless direct printing and touch-to-print technology to your MFP with the HP NFC/Wireless 1200w Mobile Print Accessory.^{6, 7, 8} USB installation makes it easy to get up and running fast.



Wireless direct

HP wireless direct printing allows you to print directly to the MFP without connecting to your network.⁷ Simply connect your mobile device to the MFP in the same way you would discover and connect to any public wireless network. Printing is simple and straightforward. Just access the print function from the document you want to print, select the MFP, and hit Print. When you enable a passphrase through the HP Embedded Web Server, you're in charge of who can use your MFP.

With touch-to-print, you can walk up and print from your NFC-enabled smartphone or tablet with just a touch.⁸ NFC, or near field communication, automatically discovers the MFP for you, eliminating the guesswork and creating a one-to-one connection using wireless technology.

Share the MFP easily

This compact MFP is designed to be easy to share with a small work team. Embedded networking capabilities allow you to connect the MFP directly to a Fast Ethernet network.

Set the pace for success

Spend less time at the printer and more with your customers. Print, scan, and copy at high speeds. Keep business information flowing smoothly with this easy to manage MFP.

Speed through document tasks

Need documents fast? This MFP delivers black-and-white prints at speeds up to 20 pages per minute (ppm), A4 (up to 20 ppm, letter).⁹ First page out speeds from ready are as fast as 9.5 seconds on A4 and letter paper.¹⁰



Scan to email



Scan to folder



Scan to color

Simplify your workflow

Efficiency is always within reach. This MFP's scan features help you:

- **Save time and resources**—Scan straight to email, network folders, and applications using the HP scanning software. And with nothing to print, these features cut down on paper and toner usage.
- **Get instant access**—Provide immediate access to scanned documents for others on your network, if you choose.
- **Scan in accurate color**—Preserve the appeal of full-color documents and photos. Scan in 24-bit color—ideal for sharing and archiving high-quality digital versions of your originals. With full-color scanning, scanned files are easier to read.

Manage devices remotely

Proactively manage your MFP and help save valuable time with convenient device management tools. HP Device Toolbox for Windows and HP Utility for Mac OS X provide easy access to the product's HP Embedded Web Server. Here you can view device and network status and adjust settings from your computer, instead of from the MFP control panel.

Enjoy peace of mind with legendary HP reliability

Prior to its introduction, a new HP LaserJet device undergoes rigorous HP testing to provide consistent, high-quality output. Tests are performed with a large sample of devices through each step of the design process, to be certain that the device measures up to HP standards. The result is a solid, reliable product that produces consistent, excellent print quality over its entire life.

The MFP includes a standard one-year limited warranty. (Warranty may vary by country as required by law.) Additional warranty and service extension options are available. Go to hp.com/support to learn about HP award-winning service and support options in your region.

HP services—protect your technology investment and stay productive

Enhance your standard warranty with HP Care Pack services. Our range of support services provide you peace of mind at predictable costs—so you can focus on what you care about. With HP Care Pack services you simply choose the level of support you need—no more, no less. A variety of options are available for the HP LaserJet Pro MFP M127fn.¹¹ For more details, see “Ordering information” on page 13. You can also select the HP Care Pack to best meet your needs at hp.com/go/cpc.



Maximize uptime

Conserve resources without sacrificing performance

It has never been more important to save energy and resources, and HP technologies can help. HP's Design for the Environment initiative is driving improvements at every stage in the product lifecycle—helping reduce the amount of energy, paper, packaging, and materials used at HP and by our customers.

Reduce clutter and waste—scan, store, and share documents digitally

No matter what size your organization, scanning and storing documents digitally can help you make faster, better business decisions by capturing, managing, preserving, and delivering safeguarded data quickly and efficiently. Plus, you have the benefit of not having stacks of paper everywhere or requiring as much storage space.



Auto-On/Off technology

Conserve energy

With its intelligent design, this MFP can help you meet your energy goals without sacrificing performance:

- **ENERGY STAR® qualified product**—HP equipment marked with the ENERGY STAR logo is qualified to the U.S. Environmental Protection Agency's ENERGY STAR specifications for imaging equipment. Additional ENERGY STAR information is listed at: hp.com/go/energystar.
- **HP Auto-On/Auto-Off Technology**—Stay productive and conserve resources with intelligence that can turn your MFP on when you need it and off when you don't.²



HP Planet Partners

Reduce your impact and recycle HP cartridges

Use HP SureSupply to consolidate supplies orders, helping to save money while reducing the environmental impact of packing and transporting multiple single orders.¹²

Toner cartridge recycling is easy and free with the HP Planet Partners program, available in more than 50 countries, territories, and regions around the world.³ All Original HP toner cartridges returned to HP through Planet Partners are recycled to recover raw materials. HP never refills, resells, or sends HP print cartridges to a landfill.

Technical specifications

Print speed⁹	Up to 20 ppm A4 (21 ppm letter)
First page out¹⁰	As fast as 9.5 seconds (A4/letter)
Print resolution	Best: up to 600 dpi; Normal: up to 600 x 400 dpi
Control panel	2-line LCD (text)
Scan features	
Scan type	Flatbed, ADF
Scan resolution	Enhanced: up to 1200 dpi; Hardware: up to 1200 x 1200 dpi; Optical: up to 1200 dpi
Bit depth / Grayscale levels	24-bit / 256
TWAIN version	HP TWAIN v 1.9
File formats	Windows: Scan software supports JPG, BMP (RAW), PDF, TIFF, PNG Mac: Scan software supports TIFF, PNG, JPEG, JPEG-2000, PDF, PDF-Searchable, RTF, TXT
Digital sending features	Scan to email by HP software, scan to application by HP software, scan to file by HP software
Media	Flatbed: No minimum up to 216 x 297 mm (8.5 x 11.7 in) ADF: 114 x 152 mm (4.5 x 6 in) up to 216 x 356 mm (8.5 x 14 in)
Copy features	
Copier reduce/enlarge	25 to 400%
Copier resolution	Black graphics: up to 400 x 600 dpi; Black text: up to 300 x 300 dpi
Copier settings	Number of copies, Lighter/Darker, Reduce/Enlarge, Optimize (draft, text, mixed, picture), Paper Size, Collation
Fax resolution	Black: up to 300 x 300 dpi (best), 203 x 98 dpi (standard) Black and White (fine): 203 x 196 dpi, 256 levels of gray Black and White (superfine): 300 x 300 dpi or 203 x 392 dpi, 256 levels of gray Black Photo Grayscale: 300 x 300 dpi (halftone)
Fax features	Fax Auto Reduction, Fax Distinctive Ring Detection, Fax Auto-redialing, Fax Broadcasting (up to 100 locations), Fax Speed Dialing (up to 100 numbers), Fax Delayed Sending, Fax Forwarding, Fax Polling, Fax Memory (up to 500 pages letter/A4), Fax Telephone Mode; Fax Junk Barrier, Fax PC Interface, Fax Remote Retrieval Capability, Fax Phone TAM Interface
Processor and memory	600 MHz; 128 MB RAM
Durability ratings	
RMPV (recommended monthly page volume) ¹³	250 to 2,000
Duty cycle ¹⁴	Up to 8,000 pages
Media specifications	
Input capacities	Input tray: up to 150 sheets, up to 10 envelopes; ADF: up to 35 sheets
Output media handling	100-sheet face-down output bin
Media sizes	A4, A5, B5-Japanese, envelopes (ISO DL, C5, B5), 16K, post cards (JIS single and double); custom sizes Letter, legal, executive, envelopes (#10, Monarch), post cards (Standard #10); custom sizes
Media weights	60 to 163 g/m ² ; 16 to 43 lb
Media types	Paper (plain, LaserJet), envelopes, transparencies, labels, postcards
Print languages	PCLm/PCLmS
Printer management	Windows: HP Device Toolbox, Status Alerts (default install), Mac: HP Utility
Connectivity	Hi-Speed USB 2.0 port, built-in Fast Ethernet 10/100Base-TX network port
Networking capabilities	Via built-in 10/100 Base-T TCP/IP networking

Mobile printing capabilities	HP ePrint, Apple AirPrint
Security management	Password-protected network embedded Web server, SNMPv1 community password change
Compatible operating systems	Windows: Full software installs supported on: Microsoft® Windows® 8 32-bit and 64-bit, Microsoft Windows 7 32-bit and 64-bit, Windows Vista® 32-bit and 64-bit, Windows XP 32-bit (SP2 or higher); Driver only installs supported on: Microsoft Windows 2012; Microsoft Windows Server 2008 32-bit and 64-bit, Windows Server 2008 R2 (x64) SP1, Windows Server 2008 (Standard Edition), Windows Server 2008 (Enterprise Edition), Windows Server 2003 32-bit and 64-bit (SP1 or higher), Windows XP 64-bit (SP2 and higher) Mac: Mac OS X v 10.6.8 and later Linux: Please check Linux online support: hplipopensource.com/hplip-web/install.html
System requirements	Microsoft Windows 8 32-bit and 64-bit, Microsoft Windows 7 32-bit and 64-bit, Windows Vista 32-bit and 64-bit, Windows XP 32-bit (SP2 or higher); Minimum hard disk space required (CD and Web Package) 200 MB; Minimum hard disk space required (Box Spec for Smart Install) 400 MB; Minimum RAM installed 512 MB; CD-ROM/DVD or internet, USB or Network port Mac OSX v 10.6; PowerPC G4, G5, or Intel® Core™ Processor; 500 MB hard disk; CD-ROM/DVD-ROM or Internet; USB or Network port
Dimensions (width x depth x height)	Minimum: 420 x 365 x 309 mm (16.5 x 14.4 x 15.4 in); Maximum: 420 x 438 x 309 mm (16.5 x 17.2 x 15.4 in)
Weight	9.1 kg (20.0 lb)
What's in the box	HP LaserJet Pro MFP M127fn, Preinstalled introductory HP LaserJet Black Cartridge (~700 pages ¹⁵), Installation guide, Getting Started guide, User's Guide, Support flyer, Warranty guide, printer software and documentation on CD, power cord, USB cable, phone cord
Software included	Windows: HP Installer/Uninstaller, HP PCLmS print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, HP Fax Setup Wizard, HP Send Fax, Status Alerts, HP Update, DXP Mac: HP Installer/Uninstaller, HP PCLmS print driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Utility, HP Alerts, HP Firmware Updater
Downloadable software	Windows Full Software Solution, HP EcoPrint Console, HP ePrint Mobile Driver, Mac Software Solution, Linux Software Solution
Warranty	One-year limited warranty (for web support, visit: hp.com/support)
HP SureSupply	HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit hp.com/go/suresupply . (Only available with Original HP supplies; Internet access required.)

Environmental and power specifications

Environmental ranges	
Temperatures	Operating: 15 to 32.5° C (59 to 90.5° F); Storage: -20 to 60° C (-4 to 140° F)
Relative humidity range	Operating: 10% to 80% RH; Recommended: 30% to 70% RH
Acoustic power emissions¹⁶	6.0 B(A)
Acoustic pressure emissions¹⁶ (bystander)	Ready: Inaudible; Active printing: 49 dB(A)
Power specifications	
Power supply required	Input voltage 220 to 240 VAC (+/- 12%), 50/60 Hz (+/- 3 Hz); 110 to 127 VAC (+/- 12%), 60 Hz (+/- 3 Hz)
Power consumption ¹⁷	480 watts (printing), 186 watts (copying from ADF), 4.5 watts (ready), 1.1 watts (sleep/auto-off), 0.1 watts (manual off)
Typical Electricity Consumption (TEC)	0.633 kWh/Week
Energy-saving features	HP Auto-on/Auto-off Technology, ENERGY STAR qualified
Environmental specifications	Mercury free
Safety and regulatory compliance	IEC 60950-1:2005 +A1 (International), EN 60950-1:2006 +A11:2009 +A12:2010 +A12:2011 (EU), IEC 60825-1:2007, UL/cUL Listed (US/Canada), GS License (Europe), EN 60825-1:2007 (Class 1 Laser/LED Device), Low Voltage Directive 2006/95/EC with CE Marking (Europe), other safety approvals as required by individual countries
Electromagnetic emission standard	CISPR 22:2008 / EN 55022:2010-Class B, EN61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008, EN 55024:2010, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 5, GB9254-2008, GB17625.1-2003, EMC Directive 2004/108/EC (Europe), other EMC approvals as required by individual countries
Telecom compliance certification	Fax Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe), FCC Part 68, Industry Canada CS03, NOM-151-SCTI-1999 (Mexico), PTC-200 (New Zealand), other Telecom approvals as required by individual countries

Ordering information

Use accessories and supplies specifically designed for the scanner to help provide efficient performance. To order the accessories and supplies listed here, go to hp.com. If you don't have access to the Internet, contact your qualified HP dealer, or call HP (U.S.) at (800) 282-6672.

MFP	HP LaserJet Pro MFP M127fn	CZ181A
Replacement toner cartridge¹⁸	HP 83A Black LaserJet Toner Cartridge (~1500 yield)	CF283A
HP mobile print accessory	HP NFC/Wireless 1200w Mobile Print Accessory	E5K46A
HP Care Pack Services	HP 3 year Care Pack w/Next Day Exchange for LaserJet Printers	UH757E
	HP 3 year Care Pack w/Return to Depot Support for LaserJet Printers	UH764E
	HP 3 year Care Pack w/Onsite Exchange for LaserJet Printers	UH773E
Paper	Asia Pacific: hp.com/apac/printingsupplies	
Solutions	Latest drivers available from HP support Web site at hp.com/go/support	

Contact information

Hewlett-Packard Company

3000 Hanover Street
Palo Alto, CA 94304-1185

Phone: (650) 857-1501

Fax: (650) 857-5518

Web address: hp.com

Contact HP by country:

welcome.hp.com/country/us/en/wwcontact_us.html

Notes

¹ Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to the printer. Wireless performance is dependent on physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details.

² HP Auto-On and Auto-Off Technology subject to printer and settings.

³ Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit hp.com/recycle.

⁴ Supports OS X® Lion, OS X Mountain Lion and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later) and iPod touch® (third generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your OS X or iOS device. Wireless performance is dependent on physical environment and distance from the access point. OS X, iPad, iPhone, and iPod touch are trademarks of Apple® Inc., registered in the United States and other countries. AirPrint™ and the AirPrint logo are trademarks of Apple Inc.

⁵ While your mobile device is directly connected to the printer, content requiring Internet support is not supported via the HP ePrint app while in HP direct mode.

⁶ HP 1200w Mobile Print Accessory not included; please purchase separately. The HP 1200w Mobile Print Accessory works with HP Officejet 100/150 Mobile printers and most HP LaserJet printers and multifunction products (MFPs) introduced in 2008 or later that are equipped with a USB port.

⁷ For wireless direct printing, mobile device may require an app or print software. Wireless performance is dependent on physical environment and distance from the printer. Please note that while your mobile device is directly connected to the printer, access to content that requires Internet support (such as web pages or documents stored in the cloud) may not be supported while in HP wireless direct mode.

⁸ For touch-to-print capability, mobile device must support NFC-enabled printing.

⁹ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

¹⁰ Exact speed varies depending on the system configurations, software application, driver and document complexity.

¹¹ Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit hp.com/go/cpc.

¹² HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit hp.com/go/suresupply; only available with Original HP supplies; internet access required.

¹³ HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

¹⁴ Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

¹⁵ Introductory cartridge included; ~700 pages based on ISO/IEC 19752 and continuous print. Actual yields vary considerably based on images printed and other factors. For more information, visit hp.com/go/learnaboutsupplies.

¹⁶ Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: LaserJet Pro MFP M127fw, simplex printing with A4 paper. LaserJet Pro MFP M127fn/fw, ADF copy and print simplex using A4 paper.

¹⁷ Values subject to change. Power numbers are the highest values measured using all standard voltages. See hp.com/support for current information. Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

¹⁸ Replacement cartridge average declared yield ~1500 pages based on ISO/IEC 19752 and continuous print. Actual yields vary considerably based on images printed and other factors. For more information, visit hp.com/go/learnaboutsupplies.

Sign up for updates

hp.com/go/getupdated



Share with colleagues



Rate this document

© Copyright 2013 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

AirPrint and the AirPrint Logo are trademarks of Apple Inc. OS X, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. ENERGY STAR is a registered mark owned by the U.S. government. Galaxy S 4 is a registered trademark of Samsung Electronics Co., Ltd. Google is a trademark of Google, Inc., Intel, and Intel Core are trademarks of Intel Corporation in the U.S. and/or other countries. Microsoft, Windows, Windows XP, and Windows Vista are U.S. registered trademarks of Microsoft Corporation.

