

# Dell™ Workgroup Laser Printer 5210n

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## Dell | Imaging & Printing

### DELL TONER MANAGEMENT SYSTEM™ IS AS EASY AS 1-2-3

1. Intelligent software alerts you when toner levels are low.
2. Click "Order Ink Online" and connect directly to [www.dell.com/supplies](http://www.dell.com/supplies) and [www.premier.dell.com](http://www.premier.dell.com) or call 1-877-Ink-2-You.
3. Select printer model, enter your payment information and your toner is ordered. Save time and money with no-charge three- to five day shipping<sup>1</sup>.

### SERVICE AND SUPPORT

#### One year Next-Business Day Onsite Service<sup>2</sup> provided by Dell's service and support staff

- 24x7 toll-free technical phone support
- Installation, Asset Tags and Printer Gold Technical Phone Support options are also available
- Use the Dell Online Support site for the most up-to-date drivers and technical information about your printer
- Visit [www.support.dell.com](http://www.support.dell.com) for details

### RECYCLING MADE SIMPLE



#### Recycling printers and ink with Dell is Easy and no charge to the customer.

- Visit [www.dell.com/recycling](http://www.dell.com/recycling) for details.
- Each Dell printer and print cartridge includes instructions for recycling
  - Dell toner cartridges include a prepaid label to return the used cartridge for recycling
  - Dell pays shipping charges for printer and toner recycling



## High speed, high quality, low total cost black & white laser printers for medium and large workgroups

The Dell Laser 5210n and Dell Laser 5310n printers are Dell's latest generation of fast networked black & white laser printers, providing workgroup versatility and excellent performance for a wide variety of documents and users.

These fast, robust, stylish and highly affordable black & white laser printers are built for today's demanding enterprise network or office environments. Standard features include high speed, high quality printing, a high duty cycle, a wide range of supported operating systems, optional paper input and output accessories, wireless connectivity and duplex functionality.

## The Dell Laser Printers 5210n/5310n deliver:

### Outstanding Performance

- Fast printing - up to 50 ppm (5310n) and up to 40ppm (5210n) – *actual print speeds may vary with usage*
- Crisp text and enhanced graphics - default 1200 Image Quality print resolution
- Expandable memory to allow fast printing of high-quality complex documents – up to 576 MB (5210n), up to 640 MB (5310n)
- Robust - up to 200,000 (5210n) or up to 250,000 (5310n) maximum monthly duty cycle
- High-capacity toner cartridges available for low cost-per-page

### Easy to Manage

- Connect easily through Ethernet networking, parallel and USB 2.0 port as standard
- Optional wireless connectivity
- Network-accessible printer status and E-mail notification of printer alerts and status
- Wide range of Client and Network Operating Systems supported
- Monitor and manage your networked 5210n/5310n printers with Dell OpenManage™ Printer Manager (*available for download at [www.dell.com](http://www.dell.com)*)

### Easy to Use

- Standard 500 sheet drawer; add up to four optional 500-sheet drawers to maximize input capacity to 2,600 pages
- Optional 650-sheet Output Expanders increase output capacity to a 2,200 pages, allowing easy sorting of large print jobs
- Dell Toner Management System™ tells you when the printer is low on toner

GET MORE OUT OF NOW.





# Dell™ Workgroup Laser Printer 5210n / 5310n

## Key Differences

	5210n	5310n
<b>Print Speed</b>	Up to 40 pages per minute (Letter) <i>actual print speeds may vary with usage</i>	Up to 50 pages per minute (Letter) <i>actual print speeds may vary with usage</i>
<b>Processor</b>	400MHz	514MHz
<b>Memory (RAM)</b>	64MB standard, 576 MB maximum	128MB standard, 640 MB maximum
<b>Duty Cycle</b>	Up to 200,000 pages per month (max)	Up to 250,000 pages per month
<b>Recommended Monthly Volume</b>	<5,000 pages per month	>9,000 pages per month
<b>Toner Cartridge Capacity</b>	Standard and high-capacity recyclable toner cartridges available	Standard, high-capacity and extra-capacity recyclable toner cartridges available for Dell's lowest cost per page



## Customize your printer to meet your unique needs with a range of productivity options

	Description	Accessory	Installed
<b>Toner Cartridge Options</b>	<p>Standard capacity toner cartridge (up to 10,000 page capacity<sup>3</sup>) included as standard with each new printer</p> <p>High-capacity toner cartridge (up to 20,000 page capacity<sup>3</sup>) available for both 5210n and 5310n printers</p> <p>Extra high-capacity toner cartridge (up to 30,000 page capacity<sup>3</sup>) available for 5310n printer for Dell's lowest cost per page</p>		
<b>Duplexer Kit</b>	Save paper, add a duplex unit for double-sided printing		
<b>Paper Trays</b>	<p>Optional additional 500-sheet paper trays available</p> <p>Up to four additional 500 sheet trays can be stacked per printer</p> <p>- maximum input capacity 2,600 pages</p>		
<b>Output Expander</b>	<p>For maximum output capacity, add up to three Output Expanders, each with a capacity up to 650 pages, stacked vertically</p> <p>- maximum output capacity 2,200 pages</p>		
<b>Envelope Feeder</b>	Envelope feeder option holds up to 85 envelopes		
<b>Internal Wireless Adapter</b>	<p>Locate and access your printer wirelessly almost anywhere with the optional 5210n / 5310n internal wireless adapter</p> <p>Wireless adapter supports 802.11 b/g</p>		

1. 3-5 day shipping available in the Continental (excluding Alaska) US only.  
 2. Service may be provided by third-party. Technician will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. U.S. only.  
 3. Toner yield based on printing pages with 5% page coverage in accordance with ISO/IEC 19752 testing methodology. Yields vary with usage and environmental conditions.  
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# Dell™ Workgroup Laser Printer 5210n

## Key Features

Max Print Speed	Up to 40 PPM (Letter) <sup>1</sup> - Actual print speed will vary with usage
Resolution	Up to 1200 x 1200 dpi
Processor	400 MHz
Maximum Monthly Duty Cycle	200K pages per month
Recommended Monthly Volume	< 5K pages per month

## Memory

Standard Memory	64 MB RAM
Max Memory	576 MB RAM max including standard memory
Read-only Memory (ROM), optional	Optional Font ROM card (one per printer)

## Paper Handling

Standard Input Trays	2 (1 multipurpose Tray + 1 500-sheet tray)
Optional Paper Input Accessories	500-sheet trays, 85-envelope feeder
Max Input Trays	6 (including multipurpose tray) <sup>2</sup>
Standard Input Capacity	600 sheets via 100-sheet multipurpose tray and 500-sheet primary tray
Max Input Capacity	2600 sheets via addition of four optional 500-sheet trays
Standard Output Capacity	250-sheet bin
Optional Paper Output Accessories	650-sheet output bin (3 max)
Max Output Capacity	2,200 sheets via addition of three optional 650-sheet output bins
Duplex (Two-sided printing)	Optional, via addition of duplex unit
Media Types	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock, custom
Media Sizes	Multipurpose Tray: 2.75x5 in to 8.5x14 in; 500-sheet Tray: 5.5x8.27 in to 8.5x14 in

## Connectivity & OS Compatibility

Standard Interfaces	USB 2.0 (full speed) port, IEEE 1284-B compliant parallel port, 10/100 Base T Ethernet port
Optional Interfaces	Dell 5210 / 5310 Wireless Option (internal card), Dell Wireless Printer Adapter 3300 (external adapter)
Languages and fonts	HP PCL® 6 Emulation: 89 scalable fonts, 2 bitmapped fonts. PostScript® Level 3 Emulation: 158 scalable fonts
Compatible Client Operating Systems	Windows® 98SE, Me, NT 4.0 SP6a (parallel and network connections only), 2000 SP2/SP3/SP4, XP, XP SP1/SP2, XP 64-bit, Server 2003, Server 2003 SP1, 2003 x64, Mac OS 9 v9.2, Mac OS 10.2/10.3/10.4, UNIX®, Linux
Compatible Network operating systems	Windows® 98SE, Me, NT 4.0 SP6a (parallel and network connections only), 2000 SP2-4, XP SP1-2, XP 64-bit, Server 2003, Server 2003 SP1, Server 2003 x64, Novell Netware 5.x/6.x, Mac OS 9 v0.2, Mac OS 10.2/10.3/10.4, Red Hat Linux WS 3.0/4.0, SuSE Enterprise
Compatible Network protocols	TCP/IP, Auto-IP, BOOTP/DHCP, WINS, SNMP 1/2c, HTTP, LPR/LPD, FRP, TFTP, ping, finger, telnet 9000, IPP NTP, DNS, DDNS, mDNS, IPX/SPX, AppleTalk
Printer Management Software	Dell Open Manage™ Printer Manager, and virtually any printer or device network management system that supports SNMP. Embedded Web Server
Other certifications and compliances	Citrix Metaframe XP Presentation Server, Citrix Metaframe Presentation Server 3.0, Citrix Metaframe XP 1.0 (Windows Server 2000/2003 running Terminal Services/Server), SAP, Novell Yes Certification, Section 508, Blue Angel (Germany)

## Weight / Dimensions

Printer Dimensions (W by D by H)	17.4 by 20.0 by 15.2 in (441 by 507 by 384 mm)
Printer Weight	43 lbs (19.51 kg)

## Operating Environment

Temperature	60 to 90 °F (16 to 32 °C)
Relative Humidity	8 to 80% RH, non-condensing

## Acoustics

Sound Pressure, Bystander position (LpAm)	Active: 53.0 dBA; Standby: 27.0 dBA <sup>3</sup>
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## Power Specifications

120 vac models	100 to 127 vac, 47 to 63 Hz nominal
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## Power Consumption (Energy Star® compliant)

Continuous printing	600 watts
Standby mode	90 watts
Power Saver mode	20 watts
Off	0 watts

## Consumables

Standard Capacity (ships with)	Use & Return (recyclable) and Standard print cartridge versions available, 10,000 page capacity <sup>4</sup>
High Capacity	Use & Return (recyclable) and Standard print cartridge versions available, 20,000 page capacity <sup>4</sup>

1. Simplex letter at driver default. Exact speed may vary depending on the system configuration, software application, and document complexity. 2. Combinations that include a minimum of 3 option trays may require a printer stand for improved stability and safety. 3. Tested in accordance with ISO 7779 and reported in accordance with 9296, Acoustics - Declared noise emission values of computer and business equipment. 4. Toner yield based on printing pages with 5% page coverage in accordance with ISO/IEC 19752 testing methodology. Yields vary with usage and environmental conditions. Dell and the Dell logo are registered trademarks of Dell Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries. Other trademarks and trade names are used to identify the entities claiming the marks and names of their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own. © Copyright 2006 Dell Inc. All rights reserved.



# Dell™ Workgroup Laser Printer 5310n

## Key Features

Max Print Speed	Up to 50 PPM (Letter) <sup>1</sup> - Actual print speed will vary with usage
Resolution	Up to 1200 x 1200 dpi
Processor	514 MHz
Maximum Monthly Duty Cycle	250K pages per month
Recommended Monthly Volume	< 9K pages per month

## Memory

Standard Memory	128 MB RAM
Max Memory	640 MB RAM max including standard memory
Read-only Memory (ROM), optional	Optional Font ROM card (one per printer)

## Paper Handling

Standard Input Trays	2 (1 multipurpose Tray + 1 500-sheet tray)
Optional Paper Input Accessories	500-sheet trays, 85-envelope feeder
Max Input Trays	6 (including multipurpose tray) <sup>2</sup>
Standard Input Capacity	600 sheets via 100-sheet multipurpose tray and 500-sheet primary tray
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Standard Output Capacity	250-sheet bin
Optional Paper Output Accessories	650-sheet output bin (3 max)
Max Output Capacity	2,200 sheets via addition of three optional 650-sheet output bins
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Media Types	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock, custom
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Languages and fonts	HP PCL® 6 Emulation: 89 scalable fonts, 2 bitmapped fonts. PostScript® Level 3 Emulation: 158 scalable fonts
Compatible Client Operating Systems	Windows® 98SE, Me, NT 4.0 SP6a (parallel and network connections only), 2000 SP2/SP3/SP4, XP, XP SP1/SP2, XP 64-bit, Server 2003, Server 2003 SP1, 2003 x64, Mac OS 9 v9.2, Mac OS 10.2/10.3/10.4, UNIX®, Linux
Compatible Network operating systems	Windows® 98SE, Me, NT 4.0 SP6a (parallel and network connections only), 2000 SP2-4, XP SP1-2, XP 64-bit, Server 2003, Server 2003 SP1, Server 2003 x64, Novell Netware 5.x/6.x, Mac OS 9 v0.2, Mac OS 10.2/10.3/10.4, Red Hat Linux WS 3.0/4.0, SuSE Enterprise
Compatible Network protocols	TCP/IP, Auto-IP, BOOTP/DHCP, WINS, SNMP 1/2c, HTTP, LPR/LPD, FRP, TFTP, ping, finger, telnet 9000, IPP NTP, DNS, DDNS, mDNS, IPX/SPX, AppleTalk
Printer Management Software	Dell Open Manage™ Printer Manager, and virtually any printer or device network management system that supports SNMP. Embedded Web Server
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## Weight / Dimensions

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Printer Weight	43 lbs (19.51 kg)

## Operating Environment

Temperature	60 to 90 °F (16 to 32 °C)
Relative Humidity	8 to 80% RH, non-condensing

## Acoustics

Sound Pressure, Bystander position (LpAm)	Active: 51.73 dBA; Standby: 29.5 dBA <sup>3</sup>
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## Power Specifications

120 vac models	100 to 127 vac, 47 to 63 Hz nominal
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## Power Consumption (Energy Star® compliant)

Continuous printing	760 watts
Standby mode	90 watts
Power Saver mode	20 watts
Off	0 watts

## Consumables

Standard Capacity (ships with)	Use & Return (recyclable) and Standard print cartridge versions available, 10,000 page capacity <sup>4</sup>
High Capacity	Use & Return (recyclable) and Standard print cartridge versions available, 20,000 page capacity <sup>4</sup>
Extra High Capacity	Use & Return (recyclable) and Standard print cartridge versions available, 30,000 page capacity <sup>4</sup>

1. Simplex letter at driver default. Exact speed may vary depending on the system configuration, software application, and document complexity. 2. Combinations that include a minimum of 3 option trays may require a printer stand for improved stability and safety. 3. Tested in accordance with ISO 7779 and reported in accordance with 9296, Acoustics - Declared noise emission values of computer and business equipment. 4. Toner yield based on printing pages with 5% page coverage in accordance with ISO/IEC 19752 testing methodology. Yields vary with usage and environmental conditions. Dell and the Dell logo are registered trademarks of Dell Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries. Other trademarks and trade names are used to identify the entities claiming the marks and names of their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own. © Copyright 2006 Dell Inc. All rights reserved.