

# Technical Specifications – Inspiron 3000 Series

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Features	2014 Inspiron 3000 Series Specifications	Intel® 14.0" 3442	Intel® 15.6" 3542
Processor Options	Intel® Celeron® 2957U processor (2M Cache, 1.4GHz) Intel® Pentium® 3558U processor (2M Cache, 1.7GHz) 4 <sup>th</sup> Generation Intel® Core™ i3-4030U processor (3M Cache, 1.97 GHz) (SMB0) 4 <sup>th</sup> Generation Intel® Core™ i3-4005U processor (3M Cache, 1.9 GHz) 4 <sup>th</sup> Generation Intel® Core™ i5-4210U processor (3M Cache, up to 2.7 GHz) 4 <sup>th</sup> Generation Intel® Core™ i7-4510U processor (3M Cache, up to 3.1 GHz) AMD E1-6010 APU with Radeon™ R2 Graphics AMD E2-6110 APU with Radeon™ R2 Graphics AMD A4-6210 APU Quad-Core with Radeon™ R3 Graphics AMD A6-6310 Quad-Core APU with Radeon™ R4 Graphics	X X X X X X	X X X X X
Dimensions (H/W/D)	14 w/non-touch: 1.0" (25.4mm) / 13.6" (346mm) / 9.7" (246mm) 14 w/touch display: 1.0" (26.6mm) / 13.6" (346mm) / 9.7" (246mm) 15 w/non-touch: 1.0" (25.6mm) / 15.0" (381.4mm) / 10.5" (267.6mm) 15 w/touch display: 1.0" (26.6mm) / 15.0" (381.4mm) / 10.5" (267.6mm)	X X	X X
Starting at Weights*	14 HSW 4c/40WHR: [Redacted] / 4.44 lb (2.0 Kg) with HD non-touch 15 HSW 4c/40WHR: [Redacted] / 5.26 lb (2.4 Kg) with HD non-touch	X	X
Display	14.0" LED Backlit Display with Truelife and HD resolution (1366 x 768) 14.0" LED Backlit Touch Display with HD resolution (1366 x 768) 15.6" LED Backlit Display with Truelife and HD resolution (1366 x 768) 15.6" LED Backlit Touch Display with HD resolution (1366 x 768)	X X	X X
System Memory	Up to 8GB Single Channel DDR3L 1600 MHz memory*	X	X
Graphics Options	Intel HD Graphics (std Celeron & Pentium) Intel® HD Graphics 4400 (std Core i3/5/7) NVIDIA® GeForce® 820M 1 GB DDR3L or 2 GB DDR3L graphics memory (opt) NVIDIA® GeForce® 820M or 840M 2 GB DDR3L graphics memory (opt) AMD Radeon™ R2, R3 or R4 (depending on CPU) on-processor graphics (std) AMD Radeon™ HD R5 M230 2GB DDR3L graphics memory (opt)	X X X	X X X
Battery	Cylindrical 4 cell 40 WHr	X	X
AC Adapter	65 Watt AC Adapter	X	X
Hard Drive Options	500 GB* (std) with options up to 1 TB*	X	X
Optical Drive	Built-in DVD+/-RW Air-bay option that removes DVD for weight savings	X X	X X
Keyboard / Touchpad	Full size, spill-resistant keyboard Full size, spill-resistant keyboard with 10-key numeric keypad Multi-touch gesture-enabled pad with integrated scrolling	X X	X X
Connectivity Options	10/100 RJ-45 Ethernet network Dell Wireless-N 170x (1x1) + Bluetooth 4.0 Optional external USB Modem Wi-Fi Display Support (Wi-Fi Alliance)	X X X X	X X X X
Sound	2 tuned speakers with Waves MaxxAudio® processing 1 combo headphone / microphone jack	X X	X X
Webcam	HD (720p) capable webcam, microphone	X	X
Ports and Connectors	HDMI™ 1.4a, USB 3.0 (1), USB 2.0 (2), Security slot, Media Card (SD, SDHC, SDXC)	X	X
Productivity & Entertainment Software	My Dell, Dropbox, PocketCloud, Dell Digital Delivery, Dell Backup & Recovery, Microsoft® Office 2013 trial, McAfee LiveSafe (30day)	X	X
OS Options	Windows® 8, Windows® 8 Pro, Windows® 8 Single Language (EM), Windows® 8 Chinese Ed'n	X	X
On the Go & Entertainment Accessories	Dell Tek Backpack- 15.6" and 17", Dell External Hard Drive- 1TB ; Dell Bluetooth Portable Speaker- AD211	X	X
Environmental	E-Star 6 (pending Eng cert) and EPEAT Silver	X	X

**NOTES:**  
**Hard Drives:** GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.  
**Graphics & System Memory:** GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.  
**Intel Wireless Display:** Requires an Intel wireless card, a compatible Media Adapter (sold separately) and an HDMI or composite AV-enabled display.  
**Wireless connectivity:** Where wireless access is available. Additional access charges apply in some locations.  
**Notebook Weight:** Weights vary depending on configuration and manufacturing variability.  
**Skype:** Skype service subject to third-party service subscription terms and conditions.

# Claims – Inspiron 3000 Series (Intel®)

## Product Highlights

2014 Intel® Wireless Display<sup>A</sup> allows you to wirelessly project clear 1080p video & 5.1 surround sound to your home theatre.

A - "Intel Wireless Display: Requires an Intel wireless card, a compatible media adapter (sold separately) and an HDMI or composite AV-enabled display."

With optional Intel® Core™ i5 processors' Turbo Boost, you'll spend less time waiting on apps to load or files to finish transcoding.

Whether it's work or play, the optional Intel® Core™ i5 processor gives you extra power when you need it and saves battery when you don't.

Waves MaxxAudio® audio processing enhances the soundstage of your laptop's speakers' output for great movie audio and clear voice clarity for web chats.

USB 3.0 is 10x faster than USB 2.0 in transferring and downloading files, giving you faster downloads and media sharing.

## Inspiron 14 3000 Series (Intel®) Claims (HASWELL)

The Inspiron 14 3000 Series (Intel®) has up to 7 hours 13 minutes of Mobile Mark 12 battery life when equipped with Intel® Core™ i5-4210U processor, Intel® HD Graphics 4400, 4 GB DDR3L system memory, 1 TB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014.\* Config: CEDAR14V1503\_2216BRZ

The Inspiron 14 3000 Series (Intel®) has up to 7 hours 0 minutes of Mobile Mark 12 battery life when equipped with Intel® Core™ i3-4020U processor, NVIDIA® GeForce® 820M 2 GB DDR3L graphics memory, 4 GB DDR3L system memory, 500 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014\*. Config: CEDAR14V1503\_2208BRZ

The Inspiron 14 3000 Series (Intel®) has up to 6 hours 59 minutes of Mobile Mark 12 battery life when equipped with Intel® Core™ i3-4020U processor, NVIDIA® GeForce® 820M 2 GB DDR3L graphics memory, 2 GB DDR3L system memory, 500 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014\*. Config: CEDAR14V1503\_2206BRZ

The Inspiron 14 3000 Series (Intel®) has up to 6 hours 54 minutes of Mobile Mark 12 battery life when equipped with Intel® Core™ i5-4210U processor, NVIDIA® GeForce® 820M 2 GB DDR3L graphics memory, 4 GB DDR3L system memory, 1 TB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014\*. Config: CEDAR14V1503\_2211BRZ

The Inspiron 14 3000 Series (Intel®) has up to 6 hours 52 minutes of Mobile Mark 12 battery life when equipped with Intel® Core™ i5-4210U processor, NVIDIA® GeForce® 820M 2 GB DDR3L graphics memory, 4 GB DDR3L system memory, 1 TB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014\*. Config: CEDAR14V1503\_2210BRZ

## Inspiron 15 3000 Series (Intel®) Claims (HASWELL)

The Inspiron 15 3000 Series (Intel®) has up to 6 hours 56 minutes of Mobile Mark 12 battery life when equipped with Intel® Celeron® 2957U processor, Intel® HD Graphics, 4 GB DDR3L system memory, 500 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014.\* Config: CEDAR15V1503\_2302

The Inspiron 15 3000 Series (Intel®) has up to 6 hours 38 minutes of Mobile Mark 12 battery life when equipped with Intel® Pentium® 3558U processor, Intel® HD Graphics, 4 GB DDR3L system memory, 500 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014\*. Config: CEDAR15V1503\_2303

The Inspiron 15 3000 Series (Intel®) has up to 6 hours 33 minutes of Mobile Mark 12 battery life when equipped with Intel® Core™ i3-4020U processor, Intel HD Graphics 4400, 4 GB DDR3L system memory, 500 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014\*. Config: CEDAR15V1503\_2316

The Inspiron 15 3000 Series (Intel®) has up to 6 hours 5 minutes of Mobile Mark 12 battery life when equipped with Intel® Core™ i5-4210U processor, NVIDIA® GeForce® 820M 2 GB DDR3L graphics memory, 4 GB DDR3L system memory, 500 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014\*.

### NOTES:

**\* Battery Life:** Based on testing using the Mobile Mark 2012 battery life benchmark test. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). Test results should be used only to compare one product with another and are not a guarantee you will experience the same battery life. Battery life may be significantly less than the test results and varies depending on your product's configuration, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time and use.

**Hard Drives:** GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

**Graphics & System Memory:** GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

**Wireless connectivity:** Where wireless access is available. Additional access charges apply in some locations.

**Skype:** Skype service subject to third-party service subscription terms and conditions.

# Claims – Inspiron 3000 Series (AMD)

## Product Highlights

Witness every little visual detail of your games, videos and photos with AMD Radeon™ R-Series Graphics.

Waves MaxxAudio® audio processing enhances the soundstage of your laptop's speakers' output for great movie audio and clear voice clarity for web chats.

USB 3.0 is 10x faster than USB 2.0 in transferring and downloading files, giving you faster downloads and media sharing.

### Inspiron 14 3000 Series (AMD) Claims (Beema)

The Inspiron 14 3000 Series (AMD) has up to 7 hours 43 minutes of Mobile Mark 12 battery life when equipped with AMD A4-6210 APU Quad-Core APU, AMD Radeon™ HD R5 M230 2GB DDR3 discrete graphics, 4 GB DDR3L system memory, 320 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in April, 2014.\* Config: similar to CEDAR14AMD1503\_2706 but with 320GB HDD vs. the 500GB shown in the FHC list.

The Inspiron 14 3000 Series (AMD) has up to 6 hours 48 minutes of Mobile Mark 12 battery life when equipped with AMD E1-6010 APU with Radeon™ R2 Graphics, 2 GB DDR3L system memory, 320 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in April, 2014.\* Config: similar to CEDAR14AMD1503\_2701 but with 320GB HDD vs. the 500GB shown in FHC list.

### Inspiron 15 3000 Series (AMD) Claims (Beema)

The Inspiron 15 3000 Series (AMD) has up to 8 hours 11 minutes of Mobile Mark 12 battery life when equipped with AMD A6-6310 APU Quad-Core APU, AMD Radeon™ HD R5 M230 2GB DDR3 discrete graphics, 4 GB DDR3L system memory, 320 GB HDD, HD touch display and 4-cell 40 WHr battery, as tested by Dell labs in April, 2014.\* Config: similar to CEDAR15AMD1503\_2808 but with 320 instead of the 500 GB HDD (not marked as a selected FHC on test results.)

The Inspiron 15 3000 Series (AMD) has up to 7 hours 54 minutes of Mobile Mark 12 battery life when equipped with AMD A4-6210 APU Quad-Core APU, AMD Radeon™ HD R5 M230 2GB DDR3 discrete graphics, 4 GB DDR3L system memory, 320 GB HDD, HD touch display and 4-cell 40 WHr battery, as tested by Dell labs in April, 2014.\* Config: similar to CEDAR15AMD1503\_2810 but with 320 instead of the 500 GB HDD (not marked as a selected FHC on test results.)

The Inspiron 15 3000 Series (AMD) has up to 7 hours 26 minutes of Mobile Mark 12 battery life when equipped with AMD A6-6310 Quad-Core APU with Radeon™ R4 Graphics, 4 GB DDR3L system memory, 320 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in April, 2014.\* Config: similar to CEDAR15AMD1503\_2807 but with 320 instead of the 500 GB HDD (not marked as a selected FHC on test results.)

The Inspiron 15 3000 Series (AMD) has up to 7 hours 16 minutes of Mobile Mark 12 battery life when equipped with AMD A6-6310 Quad-Core APU with Radeon™ R4 Graphics, 8 GB DDR3L system memory, 1 TB HDD, HD touch display and 4-cell 40 WHr battery, as tested by Dell labs in April, 2014.\* Config: similar to CEDAR15AMD1503\_2814 but not marked as a selected FHC on test results.

The Inspiron 15 3000 Series (AMD) has up to 6 hours 42 minutes of Mobile Mark 12 battery life when equipped with AMD E1-6010 APU with Radeon™ R2 Graphics, 4 GB DDR3L system memory, 320 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in April, 2014.\* Config: similar to CEDAR15AMD1503\_2801 but with 320 instead of the 500 GB HDD (not marked as a selected FHC on test results.)

The Inspiron 15 3000 Series (AMD) has up to 6 hours 35 minutes of Mobile Mark 12 battery life when equipped with AMD A4-6210 APU Quad-Core with Radeon™ R3 Graphics, 4 GB DDR3L system memory, 320 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in April, 2014.\* Config: similar to CEDAR15AMD1503\_2809 but with 320 instead of the 500 GB HDD (not marked as a selected FHC on test results.)

The Inspiron 15 3000 Series (AMD) has up to 6 hours 14 minutes of Mobile Mark 12 battery life when equipped with AMD E1-6010 APU with Radeon™ R2 Graphics, 2 GB DDR3L system memory, 320 GB HDD, HD display and 4-cell 40 WHr battery, as tested by Dell labs in April, 2014.\* Config: similar to CEDAR15AMD1503\_2815P but with touch HD vs. the non-touch shown in FHC list.

#### NOTES:

\* **Battery Life:** Based on testing using the Mobile Mark 2012 battery life benchmark test. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). Test results should be used only to compare one product with another and are not a guarantee you will experience the same battery life. Battery life may be significantly less than the test results and varies depending on your product's configuration, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time and use.

**Hard Drives:** GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

**Graphics & System Memory:** GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

**Wireless connectivity:** Where wireless access is available. Additional access charges apply in some locations.

**Skype:** Skype service subject to third-party service subscription terms and conditions.

# Claims – Inspiron 3000 Series

## Inspiron 14 3000 Series (Intel®) Weight Claims (HASWELL)

The Inspiron 14 3000 Series (Intel®) has a starting weight of 4.44 lb / 2013 g when equipped with Intel® Pentium® 3558U processor, Intel® HD Graphics 4000, 4 GB DDR3L system memory, 500 GB HDD, HD non-touch display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014.\* Config: CEDAR14V1503\_2203

## Inspiron 15 3000 Series (Intel®) Weight Claims (HASWELL)

The Inspiron 15 3000 Series (Intel®) has a starting weight of 5.26 lb / 2386 g when equipped with Intel® Pentium® 3558U processor, Intel® HD Graphics 4000, 4 GB DDR3L system memory, 500 GB HDD, HD non-touch display and 4-cell 40 WHr battery, as tested by Dell labs in March, 2014.\* Config: CEDAR15V1503\_2303

### NOTES:

**\* Battery Life:** Based on testing using the Mobile Mark 2012 battery life benchmark test. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). Test results should be used only to compare one product with another and are not a guarantee you will experience the same battery life. Battery life may be significantly less than the test results and varies depending on your product's configuration, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time and use.

Starting notebook weight: Weights vary depending on configuration and manufacturing variability.

**Hard Drives:** GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

**Graphics & System Memory:** GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

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# Reliability Claims – Inspiron 3000 Series

## Designed for the real world – because that's where life happens.

We want you to love your new PC for years to come. That's why we test Inspiron laptops for reliability not just in the places where you expect it, but for the open road ahead.

1. Turn up the heat: From locker rooms to locked cars, we test Inspiron laptops for survival in harsh short-term heat conditions of up to 65°C / 149°F.
2. Everything hinges on it: We test Inspiron laptop hinges to ensure they still feel tight, even after opening and closing the lid 20,000 times.
3. Keys to success: We test commonly-used keys for 10 million keystrokes and touch pad buttons 1 million times with no failure. So go ahead, finish your novel.
4. Buttoned up: No matter what you set your power and multimedia buttons to do, we've tested them to survive up to 40,000 pushes with no problems.
5. Twist and turn: Call us excessive, but after twisting an Inspiron laptop's base and lid more than 25,000 times, we can assure you the parts inside are well-protected.
6. Always a good fit: You'll probably never need to remove and reinstall your Inspiron's battery 750 times, but you can rest easy knowing that we've tested even that.

#### NOTES:

**Hard Drives:** GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

**Graphics & System Memory:** GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

**Intel Wireless Display:** Requires an Intel wireless card, a compatible Media Adapter (sold separately) and an HDMI or composite AV-enabled display.

**Wireless connectivity:** Where wireless access is available. Additional access charges apply in some locations.

**Skype:** Skype service subject to third-party service subscription terms and conditions.

G14000136 - Dimensions, battery life, reliability, EPEAT, E-Star weights (non-touch, 4cell 40 WHr) for 14, 15 3000 Series HSW (3/26/14)

G14000250 - Battery life, reliability, EPEAT, E-Star for 14, 15 3000 Series AMD (4/24/14)

----- -MM/DD/YY – weights (touch) for 14, 15 3000 Series HSW

----- -MM/DD/YY – weights, dimensions, battery life, for 14, 15 3000 Series AMD

## CAUTION: GEOGRAPHIC LIMITATIONS ON COMPARATIVE ADVERTISING

Comparative claims are not allowed in all countries. Please see below to learn which countries ban Dell vs. Dell claims, and which countries will allow the claims only if based upon independent third party testing. You may also contact Legal Counsel in the Region where the claim will be made for additional guidance.

- 3rd party testing required (Do not make claims) in: South Africa, Ukraine, Venezuela.

Based on testing using the Mobile Mark 2012 battery life benchmark test. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). Test results should be used only to compare one product with another and are not a guarantee you will experience the same battery life. Battery life may be significantly less than the test results and varies depending on your product's configuration, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time and use.

Watt Hour (WHr) citations - \*The stated Watt Hour (WHr) is not an indication of battery life.

Dell does not warrant the battery beyond Dell's standard Limited Hardware Warranty. The battery has a limited number of charge cycles and may eventually need to be replaced. Battery life and charge cycles vary by use and settings. For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [www.dell.com/warranty](http://www.dell.com/warranty)

Starting notebook weight: Weights vary depending on configuration and manufacturing variability.

Hard drives: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

Graphics and system memory: GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

Skype™: Service subject to third-party service subscription terms and conditions.

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