INSPIRON 14 2-in-1

XPS

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REVIEWER'S GUIDE
MODEL 7420 2n1

XPS

INSPIRON 14 2-in-1

Inspiron brand

From the moment you turn on your Inspiron, you're greeted and connected to a whole new world. Whether it's social media, streaming movies, or finishing your work, Inspiron delivers what matters most to you, in style.

Stay connected wherever you go with Inspiron's easy-to-use PCs. With lightweight designs and long-battery life, our laptops and 2-in-1s keep you moving. Equipped with the latest processors, graphics, and thermal solutions; your PC runs quickly and smoothly as you connect with confidence, thanks to a range of display options that create a brilliant visual experience to help your loved ones feel even closer over video chats.

Optimized with technology that simplifies your life, Inspiron laptops and 2-in-1s offer a range of easy-to-use features all packaged in a minimalist and modern design, available in classic and expressive color options that add to your flair. And if that's not all, your Inspiron features environmentally-conscious designs that complement not just your style but also your values.

INSPIRON 14 2-in-1

See it. Hear it. Feel it.

Experience amazing visuals and audio in any mode. Features a 16:10 aspect ratio FHD+ display, Waves MaxxAudio Pro and the latest 12th Gen Intel® Core™ processors.

Be seen and heard

Stay connected with built in dual microphones and AI that reduces background noise. With an FHD camera paired with temporal noise reduction hardware and wide dynamic range software, you'll be seen with clarity under a range of lighting conditions.

Loud and clear

Don't miss a word with precise audio from Waves MaxxAudio Pro.

Peace-of-mind

When you do need to disconnect, a mechanical privacy shutter gives you peace-of-mind.

INSPIRON 14 2-in-1

Elevate your experience.

You won't have to sacrifice screen size for a mobile design, and with multiple technologies that help your eyes work or play in comfort, the new Inspiron 14 2-in-1's display is made to please.

Dazzling displays

Get immersed in your world with a stunning FHD+ display with a 16:10 aspect ratio that is 5.6% larger than a standard 14" display.

Easy on the eyes

ComfortView software helps to reduce harmful blue light emissions and optimize eye comfort. Coupled with DC dimming to reduce flicker, extended screen time is easy on your eyes.

*Based on Dell internal analysis vs. the previous 16:9 aspect ratio generation, January 2022.

INSPIRON 14 2-in-1

Your world in any mode

With the versatility of the new Inspiron 14 2-in-1,
you have the freedom to work your way.

Versatility is everything

Work whatever way best suits your needs with a 360 hinge and four different modes.
Additionally, a lift hinge keeps your wrist comfortable as you type or chat the night away.

Nice and roomy

Enjoy extra room for navigation with a
14% larger** touchpad. Edge-to-edge
mylar material stretches across the
palmrest and touchpad for a modern
and smooth work surface.

Stay on the go

An optional active pen* offers you a
natural and accurate writing experience
with no pairing required.

*Based on Dell internal analysis vs. the previous generation, January 2022.
**Pen sold separately

INSPIRON 14 2-in-1

Powerful and responsive

The new Inspiron 14 2-in-1 features easy-to-use technologies for an effortless experience, so you can focus on what matters most to you, fast.

On in a flash

A lid-open sensor turns on your device in a snap, and login securely and in an instant with an optional fingerprint reader.

Keeping you connected

Your PC comes with a Type-C adapter that's sleek and easy to carry, just like your 2-in-1. With a variety of ports, you can also stay connected to all your devices without extra dongles.

Everything at your fingertips

Connect with power and speed with the latest 12th Gen Intel® Core™ processors.

Stay on-the-go

ExpressCharge powers your device up to 80% in an hour, so you aren't tethered an outlet*.

*ExpressCharge must be enabled within Dell Power Manager software. System must be powered off or in hibernation mode for ExpressCharge feature to function. After charging has reached the stated capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging times may vary.

INSPIRON 14 2-in-1

Environmentally-conscious design

With a variety of environmentally-conscious features, the Inspiron 14 2-in-1 is a purchase you can feel good about.

Recyclable packaging

The Inspiron 14 2-in-1's packaging tray uses 100% recycled paper while other packaging components are comprised of up to 90% recycled materials.*

Thoughtful materials

100% of the painted parts on the Inspiron 14 2-in-1 use low volatile organic compound (VOC) waterborne paint.**

EPEAT certified

The Inspiron 14 2-in-1 is EPEAT Silver certified.***

*Excluding plastic bags, films or wraps, keyboard pad, handle, attached labels, and materials used to construct or close package. Applies to all new product launches starting April 2021.
** Applies to all new Inspiron product launches starting April 2021.
***EPEAT Silver registered in the U.S. EPEAT registration varies by country and configuration. See www.epeat.net for registration status by country.

INSPIRON 14 2-in-1

Optional Inspiron accessories

You can maximize the versatility and performance of your Inspiron 14 2-in-1 with Dell recommended accessories to keep you entertained and connected in any room.

Dell 27 QHD Monitor (USB-C) - S2722DC

A 27" QHD monitor with outstanding visuals and USB-C connectivity. One cable lets you transfer video, audio, and data along with power delivery.

Dell Mobile Adapter Speakerphone - MH3021P

World's first multiport adapter with integrated speakerphone offers an all-in-one connectivity and conferencing solution. *Based on Dell analysis, March 2020.*

Dell USB-C Mobile Adapter - DA310

Small and portable 7-in-1 USB-C mobile adapter provides superb video and data connectivity and supports up to 90W power pass-through.

Dell Pro Stereo Headset - WH3022

Experience exceptional audio clarity with this Teams certified wired headset that allows you to wear the microphone on either side for a customized fit.

Dell Pro Slim Backpack 15 – PO1520PS

The eco-friendly Dell Pro Slim Backpack 15 (PO1520PS) with elegant black leather accents is a compact travel companion that protects your laptop from impact with shock-absorbing EVA foam.

Dell Active Pen – PN5122W

Multiprotocol, high sensitivity active pen offers you a natural and accurate writing experience with no pairing required.

INSPIRON 14 2-in-1

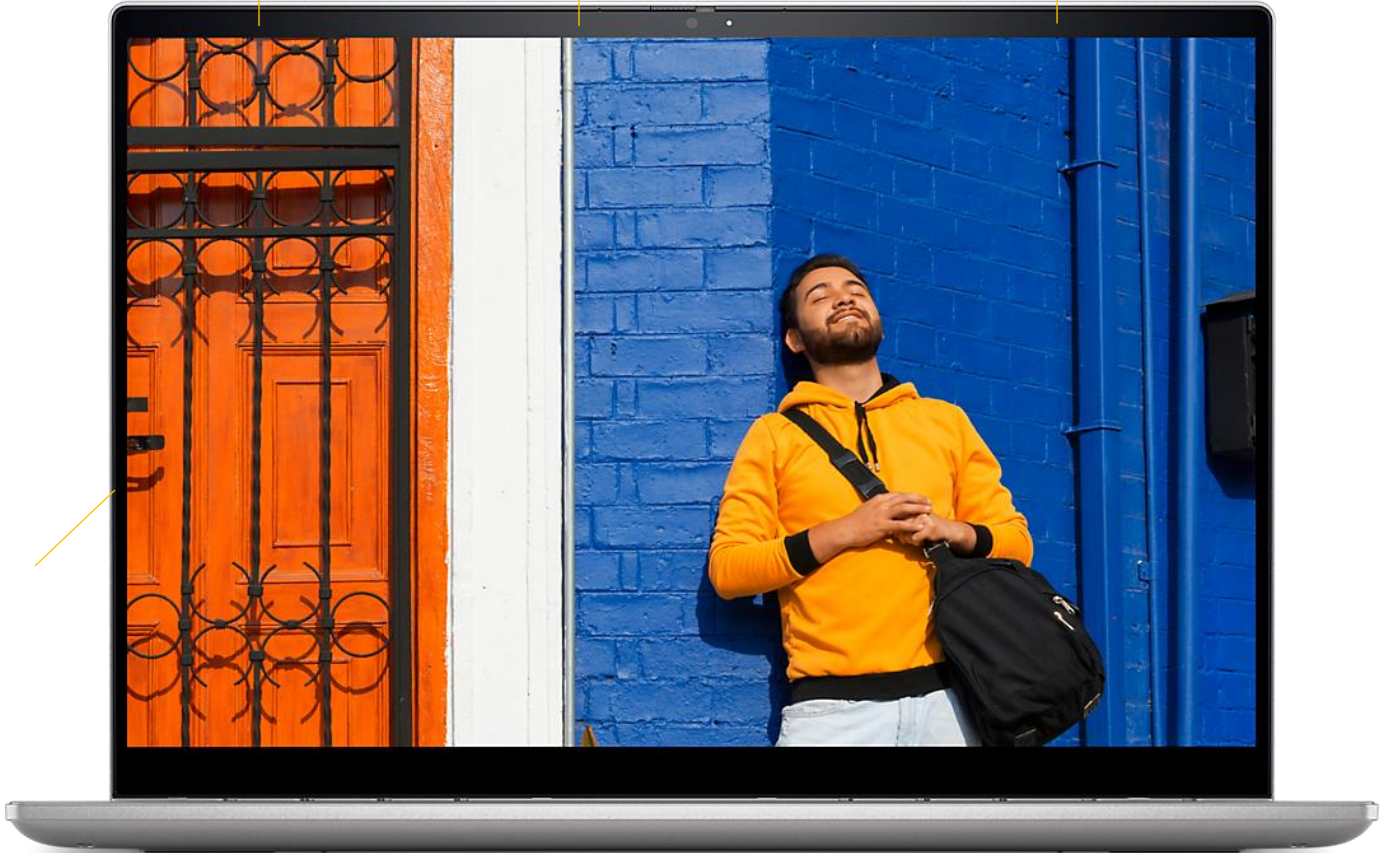|			
Model Number	7420 2-in-1	**Multimedia**	Integrated Widescreen FHD (1080p) Camera with Camera Shutter and Temporal Noise Reduction Stereo Speakers with Waves MaxxAudio Pro tuning Integrated Dual Array Microphones 3.5mm Headphone/Microphone combination jack
Processor Options	12th Generation Intel® Core™ i3-1215U (10MB Cache, up to 4.4 GHz, 6 cores) 12th Generation Intel® Core™ i5-1235U (12MB Cache, up to 4.4 GHz, 10 cores) 12th Generation Intel® Core™ i7-1255U (12MB Cache, up to 4.7 GHz, 10 cores)		
Operating System*	Microsoft® Windows® 11 S Mode Microsoft® Windows® 11 Home Microsoft® Windows® 11 Pro	**Connectivity Options**	Intel® Wi-Fi 6 2x2 (Gig+) and Bluetooth 5.2 Intel® Wi-Fi 6E (6GHz) AX211 2x2 Bluetooth 5.2 Wireless Card
Graphics	Intel® UHD Graphics (i3 or i5/i7 with single channel memory) Intel® Iris® Xe Graphics (i5/i7 with dual channel memory) NVIDIA® GeForce® MX550 with 2GB GDDR6 graphics memory	**Battery Options***	4-Cell Battery, 54 Whr (Integrated)
		AC Adapter	65W Power Adapter (Type-C)
		Dimensions & Weight*	H/W/D: 0.62" – 0.70" x 12.36" x 8.96" (15.70 – 17.86 x 314 x 227.50mm)
Display	14.0-inch 16:10 FHD+ (1920 x 1200) Truelife Touch Narrow Border WVA Display		Starting Weight 3.46 lbs. (1.57kg) with 41W battery 3.61 lbs. (1.63kg) with 54W battery
Memory Options*	8GB, 1x8GB, DDR4, 3200MHz 8GB, 2x4GB, DDR4, 3200MHz 12GB, 8GB+4GB, DDR4, 3200MHz 16GB, 2x8GB, DDR4, 3200MHz 32GB, 2x16GB, DDR4, 3200MHz	**Color**	Platinum Silver
		Security	Fingerprint Reader with Windows Hello (Optional) Webcam privacy shutter
Storage Options*	128GB M.2 PCIe NVMe Solid State Drive 256GB M.2 PCIe NVMe Solid State Drive 512GB M.2 PCIe NVMe Solid State Drive 1TB M.2 PCIe NVMe Solid State Drive 2TB M.2 PCIe NVMe Solid State Drive	**Software**	My Dell, Dell Cinema (Color, Sound, Stream), Dell Power Manager, Dell Update, SmartByte, Waves MaxxAudio® Pro, Alexa (North America only)
Ports, Slots & Chassis	1 HDMI out 1.4 1 USB 3.2 Gen 1 Type-A 2 USB 3.2 Gen 2x2 Type-C with PowerDelivery and Video 1 3.5mm Headphone/Microphone combination jack SD Card Reader Aluminum	**Peripheral Ecosystem**	Dell 27 QHD Monitor (USB-C) - S2722DC Dell USB-C Mobile Adapter - DA310 Dell Active Pen - PN5122W Dell Mobile Adapter Speakerphone - MH3021P Dell Pro Stereo Headset - WH3022 Dell EcoLoop Urban Backpack (Blue) - CP4523B Dell EcoLoop Urban Backpack (Gray) - CP4523G
Input	Precision Touchpad Spill resistant, backlit Spill resistant, non-backlit	**Regulatory and Environmental Compliance**	EPEAT Silver ENERGY STAR 8.0
Optical Drive Options	No optical drive		

INSPIRON 14 2-in-1

Product gallery – front view

16:10 aspect ratio display
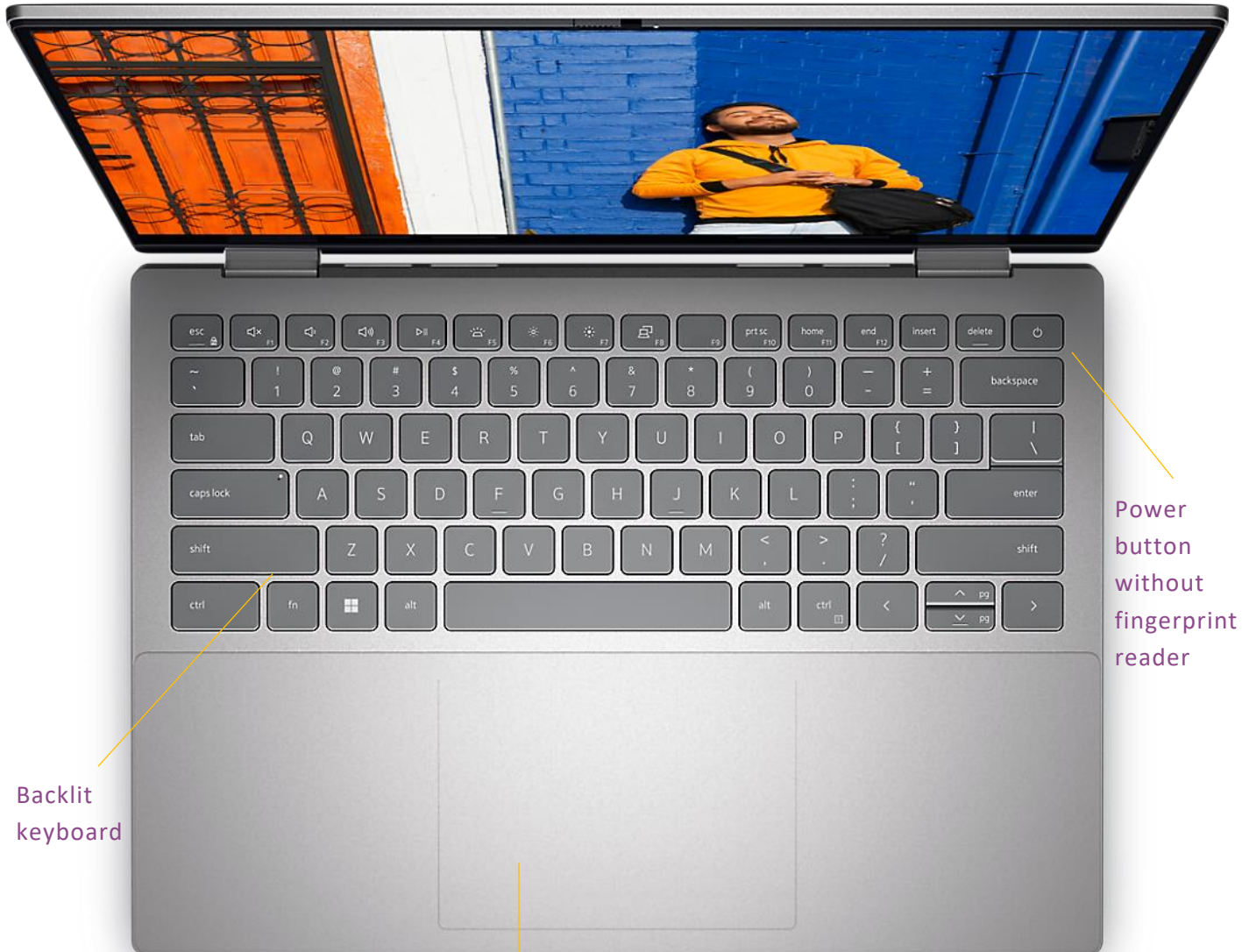
ComfortView

4-sided narrow borders

Dual microphones with AI-based noise reduction

FHD camera with mechanical privacy shutter

INSPIRON 14 2-in-1

Product gallery – top-down view
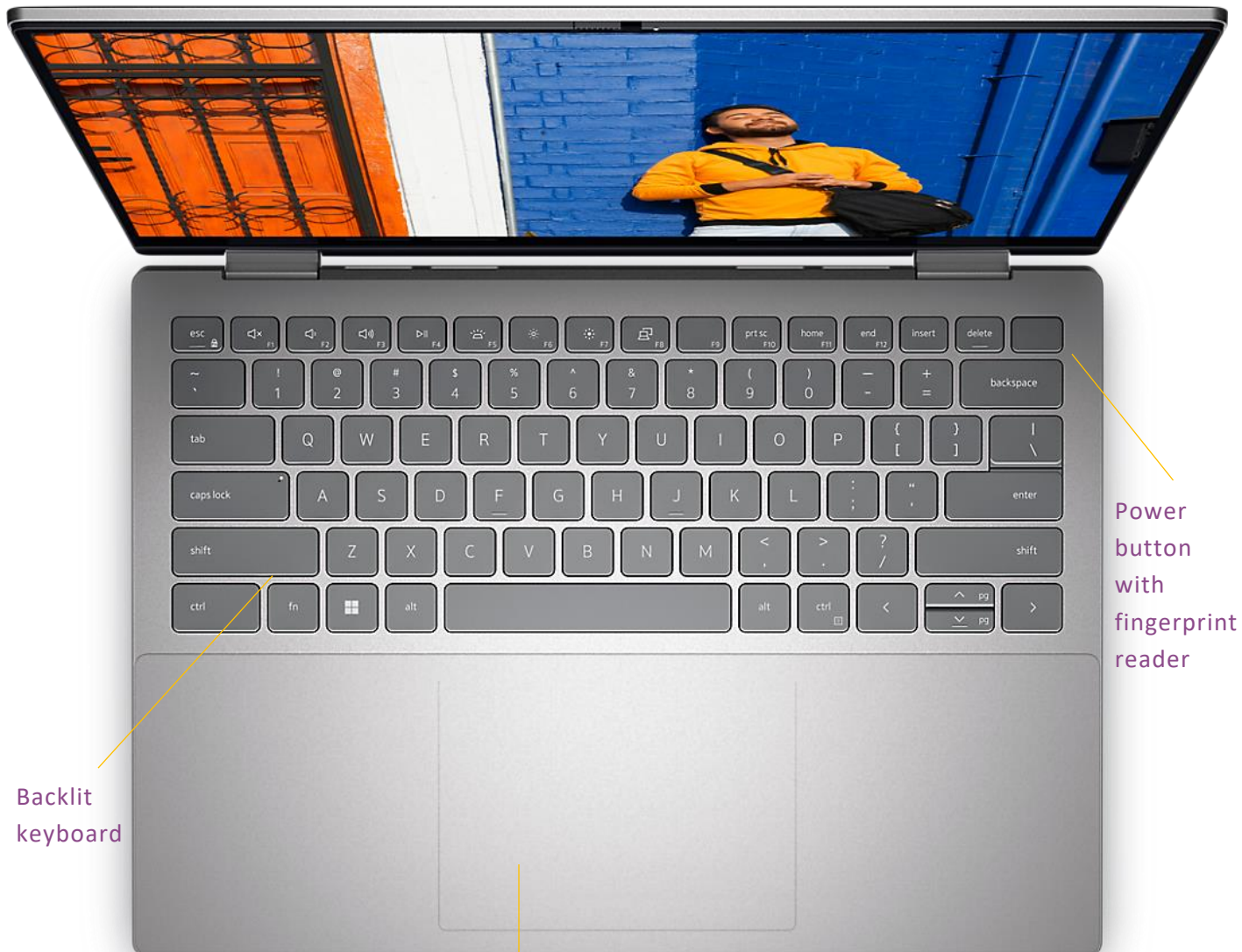

Power button without fingerprint reader

Backlit keyboard

14% larger* precision touchpad

Based on Dell internal analysis.

INSPIRON 14 2-in-1

Product gallery – top-down view

Power button with fingerprint reader

Backlit keyboard

14% larger* precision touchpad

*Based on Dell internal analysis.

INSPIRON 14 2-in-1

Product gallery – side view

SD card
reader

USB 3.2 Gen 1
Type-A

Lift hinge

HDMI 1.4*

USB 3.2 Gen
2x2 Type-C™
with Power
Delivery and
Display Port

Audio jack

Battery
indicator

*The maximum resolution supported over HDMI is 1920x1080 @60Hz. No 4K/2K output.

INSPIRON 14 2-in-1

Product gallery – side view

Speaker

Speaker

INSPIRON 14 2-in-1

Product gallery – 4 modes

Laptop mode

Tent mode

Stand mode

Tablet mode

INSPIRON 14 2-in-1

Product gallery – color options/rear view

Platinum Silver

INSPIRON 14 2-in-1

Battery life claims

Config	MobileMark 2018
12th Generation Intel® Core™ i3-1215U processor, 8GB, 256GB SSD, FHD+ Touch, Intel® UHD Graphics, 3-Cell 41 Whr*	Up to 6 hours, 56 minutes with FHD+ Touch[1]
12th Generation Intel® Core™ i3-1215U processor, 8GB, 512GB SSD, FHD+ Touch, Intel® UHD Graphics, 4-Cell 54 Whr*	Up to 9 hours, 44 minutes with FHD+ Touch [2]
12th Generation Intel® Core™ i5-1235U processor, 8GB, 256GB SSD, FHD+ Touch, Intel® UHD Graphics, 3-Cell 41 Whr*	Up to 7 hours, 07 minutes with FHD+ Touch[3]
12th Generation Intel® Core™ i5-1235U processor, 8GB, 512GB SSD, FHD+ Touch, Intel® Iris® Xe Graphics, 4-Cell 54 Whr*	Up to 7 hours, 27 minutes with FHD+ Touch [4]
12th Generation Intel® Core™ i7-1255U processor, 16GB, 512GB SSD, FHD+ Touch, Intel® Iris® Xe Graphics, 4-Cell 54 Whr*	Up to 8 hours, 26 minutes with FHD+ Touch[5]
12th Generation Intel® Core™ i7-1255U processor, 16GB, 512GB SSD, FHD+ Touch, NVIDIA® GeForce® MX550, 4-Cell 54 Whr*	Up to 7 hours, 12 minutes with FHD+ Touch [6]
12th Generation Intel® Core™ i7-1255U processor, 16GB, 512GB SSD, FHD+ Touch, NVIDIA® GeForce® MX550, 3-Cell 41 Whr*	Up to 5 hours, 24 minutes with FHD+ Touch[7]

PLEASE NOTE: The specific configuration tested must be available for sale in the region / country where this claim is made, otherwise that region / country cannot use this battery life claim because customer would not be able to configure their system to achieve the same result.

Battery life claims

1. **MobileMark 2018 battery benchmark: Inspiron 16** tested with 12th Generation Intel® Core™ i3-1215U processor, 8GB, 256GB SSD, FHD+ Touch, Intel® UHD Graphics, 3-Cell 41 Whr*. Based on testing using the Mobile Mark 2018 battery life benchmark test in March 2022. For more information about this benchmark test, visit www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.

2. **MobileMark 2018 battery benchmark:** 12th Generation Intel® Core™ i3-1215U processor, 8GB, 512GB SSD, FHD+ Touch, Intel® UHD Graphics, 4-Cell 54 Whr*. Based on testing using the Mobile Mark 2018 battery life benchmark test in March 2022. For more information about this benchmark test, visit www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.

3. **MobileMark 2018 battery benchmark:** 12th Generation Intel® Core™ i5-1235U processor, 8GB, 256GB SSD, FHD+ Touch, Intel® UHD Graphics, 3-Cell 41 Whr*. Based on testing using the Mobile Mark 2018 battery life benchmark test in March 2022. For more information about this benchmark test, visit www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.

4. **MobileMark 2018 battery benchmark:** 12th Generation Intel® Core™ i5-1235U processor, 8GB, 512GB SSD, FHD+ Touch, Intel® Iris® Xe Graphics, 4-Cell 54 Whr*. Based on testing using the Mobile Mark 2018 battery life benchmark test in March 2022. For more information about this benchmark test, visit www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.

5. **MobileMark 2018 battery benchmark: Inspiron 16** tested with 12th Generation Intel® Core™ i7-1255U processor, 16GB, 512GB SSD, FHD+ Touch, Intel® Iris® Xe Graphics, 4-Cell 54 Whr*. Based on testing using the Mobile Mark 2018 battery life benchmark test in March 2022. For more information about this benchmark test, visit www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.

6. **MobileMark 2018 battery benchmark:** 12th Generation Intel® Core™ i7-1255U processor, 16GB, 512GB SSD, FHD+ Touch, NVIDIA® GeForce® MX550, 4-Cell 54 Whr*.Based on testing using the Mobile Mark 2018 battery life benchmark test in March 2022. For more information about this benchmark test, visit www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.

7. **MobileMark 2018 battery benchmark:** 12th Generation Intel® Core™ i7-1255U processor, 16GB, 512GB SSD, FHD+ Touch, NVIDIA® GeForce® MX550, 3-Cell 41 Whr*. Based on testing using the Mobile Mark 2018 battery life benchmark test in March 2022. For more information about this benchmark test, visit www.bapco.com. Test results are for comparative purposes only. Actual battery life may be significantly less than the test results and varies depending on product configuration and use, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time.

PLEASE NOTE: The specific configuration tested must be available for sale in the region / country where this claim is made, otherwise that region / country cannot use this battery life claim because customer would not be able to configure their system to achieve the same result.

INSPIRON 14 2-in-1

Claims

Weight Claim

The Inspiron 14 7420 2-in-1 starting weight* is **3.46 lbs. (1.57kg)** when equipped with Intel Alder Lake Core™ i3 Processors with Intel® Iris Xe Graphics, 8GB DDR4 memory, 256 SSD, 1920*1200 FHD+ Touch display, 3 cell 41 WHr battery, as tested by Dell labs 03/03/2021. Options & configurations are subject to regional availability.

The Inspiron 14 7420 2-in-1 starting weight* is **3.46 lbs. (1.57kg)** when equipped with Intel Alder Lake Core™ i3 Processors with Intel® Iris Xe Graphics, 8GB DDR4 memory, 256 SSD, 1920*1200 FHD+ Touch display, 3 cell 41 WHr battery, as tested by Dell labs 03/03/2021. Options & configurations are subject to regional availability.

The Inspiron 14 7420 2-in-1 starting weight* is **3.46 lbs. (1.57kg)** when equipped with Intel Alder Lake Core™ i5 Processors with Intel® Iris Xe Graphics, 8GB DDR4 memory, 512 SSD, 1920*1200 FHD+ WVA Touch 250 nits display, 3 cell 41 WHr battery, as tested by Dell labs 03/03/2021. Config: ANTN514ADL2301_5021, ANTN514ADL2301_5021_SPP options & configurations are subject to regional availability.

The Inspiron 14 7420 2-in-1 starting weight* is **3.46 lbs. (1.57kg)** when equipped with Intel Alder Lake Core™ i7 Processors with Intel® Iris Xe Graphics, 8GB DDR4 memory, 512 SSD, 1920*1200 FHD+ WVA Touch 250 nits display, 3 cell 41 WHr battery, as tested by Dell labs 03/03/2021. Config: ANTN514ADL2301_6007, options & configurations are subject to regional availability.

 Weights vary depending on configuration and manufacturing variability.

Reliability claims

Designed for the real world — because that's where life happens.*

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. **Buttoned-up**: No matter what you set your power and multimedia buttons to do, we've tested them all to survive up to 40,000 pushes.

4. **Twist and turn**: Call us excessive, but after twisting an Inspiron laptop's base and lid more than 3,000 times, we can assure you the parts inside are well protected

5. The **webcam privacy shutter** prevents people from seeing you when the webcam isn't in use, and we ensure its reliability by opening and closing the shutter 2100 times.

Based on testing performed by Dell Labs, March 2022. Actual results may vary.

INSPIRON 14 2-in-1

Claims

Dell ComfortView TÜV Rheinland Certification (software LBL solution)

This TÜV Rheinland certified* laptop with Dell ComfortView software technology helps reduce harmful blue light emissions to make extended screen time easy on your eyes.

Global (except China): TUV Certified (Low Blue Light Content). For more details, visit www.tuv.com

**China only: TUV Certified (Low Blue Light Content). For more details, visit www.tuv.com*

ExpressCharge™

The Inspiron 14 2-in-1 (7420 2n1) can charge from 0% up to 80% within 60 minutes if user selects ExpressCharge™ mode.*

ExpressCharge must be enabled within Dell Power Manager software. System must be powered off or in hibernation mode for ExpressCharge feature to function. After charging has reached the stated capacity, charging speed will return to normal speed. Recommended for use with the provided Dell power adapter; not recommended with a smaller capacity power adapter. Charging times.

Environmental Compliance

The Inspiron 14 2-in-1 (7420 2n1) is EPEAT Silver certified.*

EPEAT Silver registered in the U.S. EPEAT registration varies by country and configuration. See www.epeat.net for registration status by country.

Screen Size

Get immersed in your world with a stunning FHD+ display with a 16:10 aspect ratio that is 5.6% larger than a standard 14" display.*

Based on Dell internal analysis vs. the previous generation, January 2022.

Touchpad Size

Enjoy extra room for navigation with a 14% larger* touchpad.

Based on Dell internal analysis vs. the previous generation, January 2022.

Services for Inspiron

Dell has services to help with technology needs throughout the life of your Inspiron. Our mission is to be the technology services provider you trust to keep you connected and productive so you can focus on doing more.

Basic Limited Hardware Warranty Plus Mail-In Service after Remote Diagnosis

Dell's 1 Year Limited Hardware Warranty with Mail-In service after remote diagnosis[1] – If your system encounters an issue covered by Dell's Limited Hardware Warranty[2] and that issue cannot be resolved remotely, this service offers a Mail-In Repair Service (customer provides box and Dell pays shipping) for defects in materials and workmanship in your PC. You can also upgrade or extend your warranty and support coverage with Dell Premium Support. With Premium Support you get 24x7 access to dedicated Dell tech support experts and up to 86% less time on the phone than Limited Hardware Warranty.[3]

Dell Premium Support

Tech support can be frustrating with long phone menus, hold times and being transferred again and again. Now, Dell Premium Support, eliminates the hassle with SupportAssist technology by automatically detecting hardware and software issues and proactively alerting you with system alerts and by email when they occur. Our expert technicians even call you with all the information they need to quickly resolve critical issues. You also get 24x7 phone access to experts and onsite support after remote diagnosis[1].

Dell Premium Support Plus[4]

Premium Support Plus for PCs is the best supply plan for your busy lifestyle. Everything you need is included - from easy 24/7 access to experts, to accident repairs, and technicians that come to you.

It keeps your computer running at its best. When used with Dell's exclusive SupportAssist technology1, it automatically predicts problems before they happen, optimizes PC settings and removes viruses. If there is an issue, work begins without you having to pick up the phone, and that means a faster fix.

Premium Support Plus is the ultimate support experience, designed for you.

Accidental Damage Service[5]

Accidents happen – Dell can help. Minimize the unplanned expenses and downtime by protecting you against unforeseen mishaps caused by drops, spills, surges and breaks. No matter how careful you are, accidents can happen. Accidental Damage Service can provide repair or replacement of your system for accidents up to 3 years, not otherwise covered by the Limited Hardware Warranty.[2]

Important information

Hard Drives: Hard Drive capacity varies with preloaded material and will be less.

Graphics & shared memory: System memory may be used to support graphics, depending on system memory size and other factors.

Weight: Weights vary depending on configuration and manufacturing variability.

Limited hardware warranty: Limited Hardware Warranty is available by writing: Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or See dell.com/warranty.

Dell ProSupport™: Dell ProSupport availability and terms vary by region and product. See dell.com/servicecontracts/global.

Accidental Damage: Accidental Damage Service excludes theft, loss, and damage due to fire, flood or other acts of nature, or intentional damage. Customer must return damaged unit. Limit of 1 qualified incident per contract year. See dell.com/servicecontracts.

Mail-In Service for Repair after Remote Diagnosis: Mail-In Service after Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If the issue is covered by Limited Hardware Warranty and not resolved remotely, shipping instructions will be provided. Availability varies. See dell.com/servicecontracts.

Rapid Return for Repair after Remote Diagnosis: Rapid Return for Repair after Remote Diagnosis is determination by online/phone technician of cause of issue, which may take multiple extended sessions. If issue is covered by Limited Hardware Warranty and not resolved remotely, shipping instructions will be provided. Next Business Day shipping not available in all areas, which may delay repair and return times. See Terms and Conditions.

*EPEAT registration varies by country. Please see www.epeat.net for specific country registration and rating.