

# XPS 15

*Your vision. More vivid.*



XPS



# XPS 15

*Your vision. More vivid.*



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# XPS 15

## Power your passions

XPS products are designed to be the best, with cutting-edge technologies, exceptional build quality, unique materials and powerful features. XPS brings together the most elegant designs and premium experiences to enhance your work and personal success. This combination ultimately results in beautifully crafted products with no compromises.



### *Experience first*

XPS product decisions are rooted in the end user. We strive to deliver the best possible experience for each product we create for each specific user.

### *Premium design*

XPS laptops are expertly crafted of premium materials like machined aluminum and glass for simplicity, beauty and durability.

### *Innovation*

Innovation starts with XPS, where we strive to deliver cutting-edge technologies like InfinityEdge displays and leading thermal designs to provide the most aggressive form factors and best customer experiences.



# XPS 15

## Stunning display

A stunning display delivers high brightness, improved clarity, precise detail and vivid color so your content comes to life. XPS gives you the tools to create at your best.

### 4-sided InfinityEdge

We pioneered the thin bezel, enabling a large display in a small form.

### All beautiful screen

High screen-to-body ratio of 92.9%

### Designed for productivity

15.6" 16:10 aspect ratio is designed to help make you more productive.

### Eyesafe® technology

Eyesafe reduces harmful blue light and maintains vivid color. It intelligently manages light energy at the source – selectively reducing harmful blue light and dispersing it across the light spectrum.

### Precise detail

Available with up to a 4k+ display (3840x2400) for precise detail when editing photos or viewing content.

### True-to-life color

100% Adobe RGB and 94% DCI P3 color gamut on UHD+ delivers saturated, bright and accurate color, especially important for creators. The display on the XPS 15 covers a wider color gamut and can show shades of color that are outside the ability of a conventional panel (sRGB), so you can see more of what you see in real life.

### Deep contrast

All 7.4 million pixels of the OLED display are individually lit, turning off completely for black, so dark areas are perfect black, so your content comes alive with breathtaking detail especially in dark areas. Color pops against that backdrop with a wide color gamut making your photos and videos stand out.

### Bright view

The touch display has up to a 0.65% anti-reflective coating, so you have a beautiful glossy screen without the glare for working outside or in bright indoor light. With 500-nit brightness and wide 178-degree viewing, your view is spectacular from any angle.



# XPS 15

## Powerful performance to fuel creation

The XPS 15 is the perfect balance of power and portability with an unrivaled immersive visual and sound experience. Whether you are streaming, editing photos or creating your next masterpiece, the XPS 15 has the power to move your ideas into reality.

### *Intel® 12<sup>th</sup> Gen Processors*

Bring ideas to life as fast as you think of them with a PC powered by Intel® Core processors up to i9.

### *Dell Performance*

Customize your performance based on how you want your laptop to operate. Adjust system behaviors based on your preference between quiet, performance, cool and optimized modes with Dell Performance.

### *Up your creative game*

Take your creative projects to a new level with GeForce RTX 30 Series laptops. Delivering AI-acceleration in top creative apps. Backed by the NVIDIA Studio platform of dedicated drivers and exclusive tools. And built to perform in record time. Whether you're rendering complex 3D scenes, editing 8K video, or live streaming with the best encoding and image quality, GeForce RTX laptops give you the performance to create your best.

### *Faster DDR5 memory*

The new XPS 15 with DDR5 memory has up to 50% faster clock speed than DDR4 memory\*.

### *Advanced thermal design*

The new XPS 15 delivers high performance in a thin design thanks in part to thermal engineering. Along with dual fans and heat pipes, hidden exhaust vents in the hinge also help with airflow and a slight ramp aids in lifting more heat out.



# XPS 15

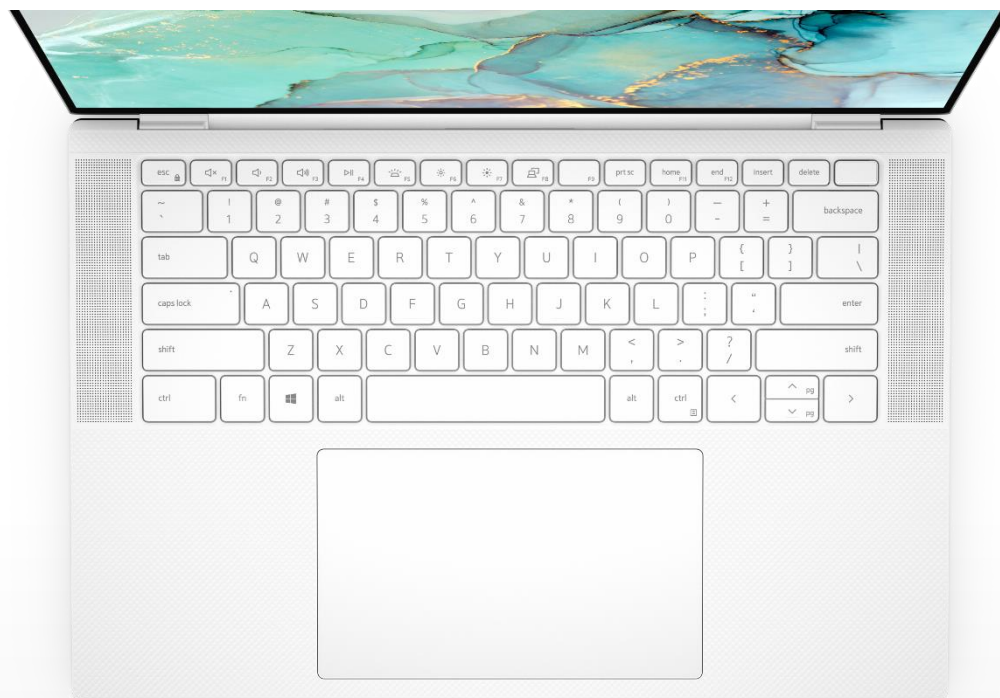
## Highlighting the essential

### *Modern design*

The new XPS 15 is an evolved, modern design for XPS. By maximizing experiential elements – such as a bigger display, larger keycaps and a larger touchpad – the design puts a focus on elevating the essential. The 16:10 display allows for added pixels, designed to make users more productive. The streamlined keyboard design embeds a fingerprint reader in the power button. Keycaps are large with less lattice and the touchpad is a massive 151 x 90, stretching the usable area to the outer limits.

### *Easy to open*

The twin-coil press fit hinge is designed to maximize the screen to body ratio and enable 4-sided InfinityEdge. The new hinge design makes it easier to open the laptop and reduces the cut out at the top of the palm rest for an even cleaner look.



*Frost and arctic white coming soon*

# XPS 15

## Masterfully crafted

The XPS 15 is crafted of authentic, premium materials. Everything is done with purpose and fanatically thought through. There is a truth and integrity in materials. In the end, it's more than just a single material, but the combination of all that creates a stunning and durable design.



### *Precision manufacturing*

The XPS 15 is cut from a block of aluminum in two pieces, so it's more durable than a machine that's pieced together. 100% of an XPS enclosure is sculpted by CNC machining process. Corning® Gorilla® Glass 6 is bonded to the aluminum, and is tough, damage-resistant, durable and elegant.

### *Diamond cut sidewalls*

Gleaming, double-anodized side edges depict the pinnacle of attention to detail. The design allows for the very narrow display border but is beautiful and resists scratches better as you plug in peripherals.

### *Maximum strength. Minimal weight.*

Aerospace-inspired carbon fiber used in the design of the black palm rest allow for maximum strength and minimal weight, plus superior heat resistance to the palm rest. Carbon fiber is used in other industries like racing and sporting, where strength and light weight count.

### *Fine details*

The XPS logo on the base is laser cut out of a sheet of stainless steel and placed by hand into a machined cutout. Mics are aligned with screws and laser-etched regulatory highlights fanatical attention to detail.



# XPS 15

## Studio quality sound

Quad speaker design with discrete 3D surround sound plus professional tuning by a multi-Grammy Award® winning producer creates an incredible 3D surround sound experience.



### *Incredible sound*

A high-speed laser drilled 4532 holes to support two primary up firing speakers, plus two traditional tweeters in the base. The quad speaker design enables a more immersive audio experience and discrete Waves Nx® 3D audio experience only offered before through headphones.

With Waves Nx® Speakers, sound leaps out of your laptop speakers and expands into an immersive 3D soundscape. Any music, movie, or game plays with depth and width that seems to defy the laws of physics. With Nx Speakers, immersive just got bigger. The XPS 15 is the first-ever 15-inch laptop featuring Waves Nx® 3D audio for speakers tuned by multi-Grammy Award® winning producer, Jack Joseph Puig.

Top-mounted mics provide a better audio experience in Skype conference calls with echo cancellation and noise reduction. Additionally, Waves MaxxVoice – a suite of studio-quality voice optimizations - is engineered to match the quality of face-to-face communication for clear and uninterrupted voice conferencing.





# XPS 15

## Built for creation

XPS configurations badged with Creator Edition have been carefully selected for those who aspire to cultivate their digital content creation skills – whether that be in photography, graphic design, music production, or beyond.



### *Configuration minimum*

≥ i5 processor, 512GB SSD and 16GB memory (discrete graphics recommended for music production, graphic design or videography).

### *Fast-track your creativity*

Every NVIDIA GPU is backed by exclusive and free Studio Drivers that bring out the best in your creative apps. The drivers are built in partnership with app developers like Adobe and Autodesk to continually improve your experience.

### *Easily transfer images*

The XPS 15 still has a full SD card slot for transferring files seamlessly from your camera to your laptop



# XPS 15

FEATURE	TECHNICAL SPECIFICATION
<b>MODEL NUMBER</b>	9520
<b>PROCESSOR OPTIONS</b>	12th Generation Intel® Core™ i5-12500H (18MB Cache, up to 4.5 GHz, 12 cores) 12th Generation Intel® Core™ i7-12700H (24MB Cache, up to 4.7 GHz, 14 cores) 12th Generation Intel® Core™ i9-12900HK (24MB Cache, up to 5.0 GHz, 14 cores)
<b>OPERATING SYSTEM</b>	Microsoft® Windows® 11 Home 64-bit Microsoft® Windows® 11 Pro 64-bit
<b>MEMORY OPTIONS*</b>	8GB (1x8GB) DDR5 SDRAM at 4800MHz 16GB (2x8GB) DDR5 Dual Channel at 4800MHz 32GB (2x16GB) DDR5 Dual Channel at 4800MHz 64GB (2x32GB) DDR5 Dual Channel at 4800MHz Note: (2x SO-DIMM)
<b>STORAGE OPTIONS*</b>	256GB PCIe 3 x4 SSD, 512GB PCIe 4 x4 SSD, 1TB PCIe 4 x4 SSD, 2TB PCIe 4 x4 SSD, 4TB PCIe 4 x4 SSD NOTE: Supports up to 8TB total storage (2x 4TB)
<b>GRAPHICS</b>	Intel® UHD Graphics Intel® Iris® Xe Graphics NVIDIA® GeForce RTX™ 3050 4GB GDDR6 (40W) NVIDIA® GeForce RTX™ 3050 Ti 4GB GDDR6 (40W)
<b>DISPLAYS</b>	15.6-inch 4K UHD+ (3840x2400) InfinityEdge touch display; 500-nit, 100% Adobe RGB minimum + 94% DCI-P3 typical, 1600:1 contrast ratio, 178° wide viewing angle +/- 89° / 89° / 89° / 89°, up to 0.65% anti-reflective, anti-smudge  15.6-inch 3.5K (3456 x 2160) InfinityEdge OLED touch display, DisplayHDR™ 500, 400-nit, 100% DCI-P3 color gamut, 100,000:1 contrast ratio, 176° wide viewing angle +/- 88° / 88° / 88° / 88°, up to 0.65% anti-reflective, anti-smudge  15.6-inch FHD+ (1920 x 1200) InfinityEdge display; 500-nits, 100% sRGB minimum, 1650:1 contrast ratio, 178° wide viewing angle +/- 89° / 89° / 89° / 89°, anti-glare  All panels - Dolby Vision™, Eyesafe® technology
<b>AC ADAPTER</b>	90W or 130W AC adapter, (USB Type-C™)
<b>OPTICAL DRIVE</b>	No optical drive
<b>AUDIO AND SPEAKERS</b>	Studio quality tuning with Waves MaxxAudio® Pro and Waves Nx® 3D audio Quad-speaker design with 2.5W x2 woofers and 1.5W x2 tweeters = 8W total peak output 3.5mm headphone/microphone combo jack featuring Waves Nx® 3D audio with head tracking Dual microphone array optimized with Waves MaxxVoice supporting VoIP - Microsoft Cortana capable

FEATURE	TECHNICAL SPECIFICATION
<b>CONSTRUCTION</b>	CNC machined aluminum in platinum silver with carbon fiber composite palm rest in black CNC machined aluminum in frost with arctic white woven glass fiber palm rest Edge-to-edge Corning® Gorilla® Glass 6 on touch panel
<b>BATTERY</b>	56Whr or 86Whr battery (built-in)* *Battery is built-in to the laptop and is not replaceable by the customer.
<b>PORTS AND SLOTS</b>	2x Thunderbolt™ 4 (USB Type-C™) with DisplayPort and Power Delivery 1x USB 3.2 Gen 2 Type-C™ (DisplayPort / Power Delivery) 1 Full size SD card reader v6.0 1 3.5mm headphone/microphone combo jack Wedge-shaped lock slot 1 USB-C to USB-A v3.0 & HDMI v2.0 adapter ships standard
<b>DIMENSIONS AND WEIGHTS</b>	Height: 18mm (0.71") x Width: 344.72mm (13.57") x Depth: 230.14mm (9.06") Starting weight: 1.81kg (3.99 lbs.) for non-touch with 56Whr battery; 1.92kg (4.22 lbs.) for non-touch with 86Whr battery; 2.01 kg (4.42 lbs) for 4K+ touch with 86Whr battery; 1.96kg (4.31lbs) for OLED touch with 86Whr battery
<b>INPUTS</b>	Touch Display (optional) 2 Digital Array Microphones Full size, backlit chiclet keyboard; 1.3mm travel Glass surface Precision Touchpad Windows Hello fingerprint reader in power button & HD (720p) Windows Hello camera in upper bezel Ambient Light Sensor for display backlight control
<b>WIRELESS</b>	Killer™ Wi-Fi 6 AX1650 (2x2) built on Intel chipset + Bluetooth 5.1
<b>REGULATORY AND ENVIRONMENTAL COMPLIANCE</b>	Regulatory Model: P91F Regulatory Type: P91F003 ENERGY STAR 8.0 EPEAT 2018 Gold Registered. For specific country participation and rating, please see <a href="http://www.epeat.net">www.epeat.net</a> : Will be published on EPEAT website by RTS. Hg-Free/Arsenic-Free BFR/PVC free (not including PSU)
<b>WARRANTY AND SERVICE</b>	US only: 1 year of Premium Support standard; Optional hardware warranty extensions up to 4 years, Premium Support Plus also available  Base/Limited Hardware Warranty* standard 1 year; Optional hardware warranty extensions up to 4 years, Premium Support, Premium Support Plus also available

# XPS 15

## Battery life

Config	Netflix streaming
i5 12500H, Intel Iris Xe, FHD+, 16GB, 512GB SSD, 86Whr	Up to 13 hours with FHD+ and 86Whr battery <sup>1</sup>
i7 12700H, NVIDIA GeForce RTX 3050, 4K+, 16GB, 512GB SSD, 86Whr	Up to 9 hours with 4K+ and 86Whr battery <sup>2</sup>
i7 12700H, NVIDIA GeForce RTX 3050 Ti, OLED, 32GB, 1TB SSD, 86Whr	Up to 10 hours with OLED and 86Whr battery <sup>3</sup>
i7 12700H, NVIDIA GeForce RTX 3050 Ti, 4K+, 64GB, 2TB SSD, 86Whr	Up to 7 hours with 4K+ and 86Whr battery <sup>4</sup>
i9 12900H, NVIDIA GeForce RTX 3050 Ti, 4K+, 32GB, 1TB SSD, 86Whr	Up to 9 hours with 4K+ and 86Whr battery <sup>5</sup>
i9 12900H, NVIDIA GeForce RTX 3050 Ti, OLED, 64GB, 2TB SSD, 86Whr	Up to 8 hours with OLED and 86Whr battery <sup>6</sup>

1. Netflix streaming battery benchmark: XPS 15 tested with 12th Gen Intel Core i5-12500H, 16GB RAM, 512GB SSD, Intel Iris Xe graphics, FHD+ display and 86Whr battery. Testing conducted by Dell labs in February 2022 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 1080p content using the Netflix Windows 11 app. 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. The stated Watt Hour (Whr) is not an indication of battery life.

2. Netflix streaming battery benchmark: XPS 15 tested with 12th Gen Intel Core i7-12700H, 16GB RAM, 512GB SSD, NVIDIA GeForce RTX 3050, 4K+ display and 86Whr battery. Testing conducted by Dell labs in February 2022 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 4K content using the Netflix Windows 11 app. 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. The stated Watt Hour (Whr) is not an indication of battery life.

3. Netflix streaming battery benchmark: XPS 15 tested with 12th Gen Intel Core i7-12700H, 32GB RAM, 1TB SSD, NVIDIA GeForce RTX 3050 Ti, OLED display and 86Whr battery. Testing conducted by Dell labs in February 2022 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 4K content using the Netflix Windows 11 app. 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. The stated Watt Hour (Whr) is not an indication of battery life.

4. Netflix streaming battery benchmark: XPS 15 tested with 12th Gen Intel Core i7-12700H, 64GB RAM, 2TB SSD, NVIDIA GeForce RTX 3050 Ti, 4K+ display and 86Whr battery. Testing conducted by Dell labs in February 2022 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 4K content using the Netflix Windows 11 app. 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. The stated Watt Hour (Whr) is not an indication of battery life.

5. Netflix streaming battery benchmark: XPS 15 tested with 12th Gen Intel Core i9-12900H, 32GB RAM, 1TB SSD, NVIDIA GeForce RTX 3050 Ti, 4K+ display and 86Whr battery. Testing conducted by Dell labs in February 2022 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 4K content using the Netflix Windows 11 app. 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. The stated Watt Hour (Whr) is not an indication of battery life.

6. Netflix streaming battery benchmark: XPS 15 tested with 12th Gen Intel Core i9-12900H, 64GB RAM, 2TB SSD, NVIDIA GeForce RTX 3050 Ti, OLED display and 86Whr battery. Testing conducted by Dell labs in February 2022 with display brightness set to 150 nits (40%) and wireless enabled. Based on streaming Netflix 4K content using the Netflix Windows 11 app. 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. The stated Watt Hour (Whr) is not an indication of battery life.



**RECOMMENDED ACCESSORIES**

AT THE DESK



**Dell 34 Curved Monitor – S3422SW**

Enjoy more immersive cinematic experiences on a 34" lifestyle-inspired curved monitor with an ultrawide WQHD screen, built-in dual 5W speakers and a height adjustable stand.



**Dell Premier Multi-Device Wireless Keyboard and Mouse (KM7321W)**

Multi-task seamlessly across 3 devices with this premium full-size keyboard and sculpted mouse combo with programmable shortcuts and 36 months battery life.



**Premier Wireless ANC Headset – WL7022**

Collaborate with ease anywhere with this Teams certified wireless headset which offers active noise cancellation and smart sensors that automatically mute and unmute your call.



**Dell Thunderbolt 4 Dock - WD22TB4**

Boost your PC's power with the world's first modular Thunderbolt 4 dock\*\*\* with a future-ready design.



**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 Mobile Adapter Speakerphone - MH3021P**

World's first multiport adapter with integrated speakerphone offers an all-in-one connectivity and conferencing solution.\*\*



**Dell Premier Rechargeable Wireless Mouse (MS7421W)**

Longest lasting rechargeable mouse with a battery life of up to 6 months on a full charge\*.



**Dell UltraSharp Webcam – WB7022**

Elevate your video conferencing experience with the world's best image quality 4K webcam in its class that optimizes your visuals with a large 4K Sony STARVIS™ CMOS sensor and AI Auto-Framing.

ON THE GO



\*Based on Dell analysis of battery life usage model calculations assuming non-continuous use during an 8-hour workday, Dec. 2020. Results vary depending on use, operating conditions and other factors.

\*\*Based on Dell analysis, March 2020.

\*\*\*Based on Dell analysis, November 2021.

# XPS 15

## Software



### *Microsoft Office 2016 or Office 365*

Fully loaded with the latest and greatest versions of favorite applications: Word, Excel, PowerPoint, OneNote and more.

### *SupportAssist*

A Microsoft Windows based software program that automates support from Dell by identifying hardware and software issues on Dell laptops, desktops and tablets. SupportAssist notifies customers when an issue is detected.

### *Foxit Phantom Standard PDF*

Converts PDFs to Word, Excel or PowerPoint formats while preserving fonts and layouts. Allows customers to access and share recently viewed PDFs from computers or mobile devices.

### *McAfee LiveSafe*

Shields PCs from viruses and online threats like risky websites and dangerous downloads, shreds digital files like e-bills and online bank statements saved on PCs.

### *Dell Help & Support*

Contains step-by-step guides, videos, system information and support, to make getting started with your Dell quick and easy.

### *Dell Product Registration*

Personalized out-of-box-experience helping customers get started with their Dell system to complete product registration in order to enable their warranty and receive better support, learn more about system features, and also setup the software that comes pre-loaded such as McAfee, Dropbox, and Netflix (if supported).

# XPS 15

## Product gallery - dimensions

Width: 13.57" (344.72mm)



Depth: 9.06" (230.14mm)

Height: 0.71" (18mm)



### Starting weight:

1.81kg (3.99 lbs) for non-touch with 56Whr battery

1.92kg (4.22 lbs) for non-touch with 86Whr battery

2.01kg (4.42 lbs) for 4K+ touch with 86Whr battery

1.96kg (4.31lbs) for OLED touch with 86Whr battery

# XPS 15

## Product gallery

Digital array microphone

Digital array microphone



Precision touchpad

Power button with  
fingerprint reader

Up-firing speakers

Backlit, chiclet keyboard  
1.3mm travel

Carbon fiber palm rest

# XPS 15

## Product gallery



Wedge-shaped  
lock slot

Air intakes / Down firing speaker

2x Thunderbolt™ 4 (USB Type-C™) with  
DisplayPort and Power Delivery

1 USB-C to USB-A v3.0 & HDMI v2.0 adapter ships standard



# XPS 15

## Product gallery

CNC machined aluminum in platinum silver



USB 3.2 Gen 2 Type-C™ (DisplayPort / Power Delivery)

3.5mm headphone/microphone combo jack

1 Full size SD card reader v6.0

Memory: 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.

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.

Based on internal analysis or testing, October 2021.

Weights vary depending on configuration and manufacturing variability.

EPEAT: EPEAT registration varies by country. Please see [www.epeat.net](http://www.epeat.net) for specific country registration and rating.

BFR/PVC free: XPS notebooks exclude BFRs and PVC from the core product per the INEMI definition of BFR/PVC Free. External adapters, power cords, peripherals and service parts may be excluded unless otherwise specified.

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