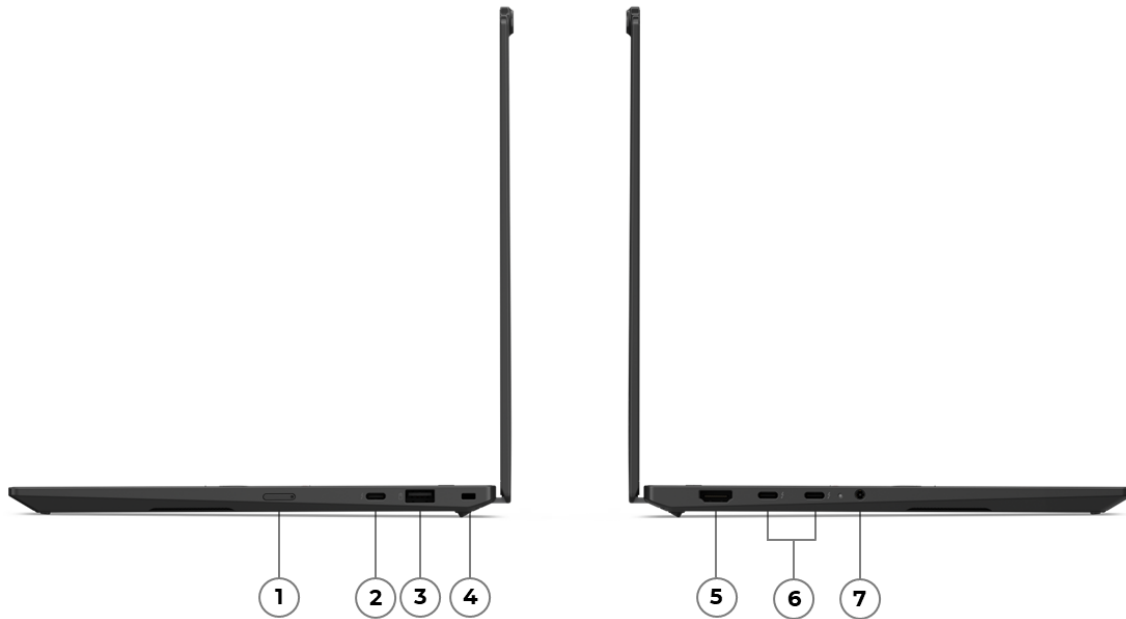


## OVERVIEW



1. Nano-SIM card slot *	5. HDMI
2. Thunderbolt 4	6. 2x Thunderbolt 4
3. USB-A (USB 5Gbps), Always On	7. Headphone / microphone combo jack (3.5mm)
4. Kensington Nano Security Slot	

Notes:

- Items with \* are only available on selected models

## PERFORMANCE

### Processor

#### Processor Family

Intel® Core™ Ultra 5 / 7 / X7 Processor (Series 3)

#### Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
Core Ultra X7 368H	16 (4 P-core + 8 E-core + 4 LP E-core)	16	P-core 2.0GHz / E-core 1.6GHz / LP E-core 1.6GHz	P-core 5.0GHz / E-core 3.8GHz / LP E-core 3.6GHz	18MB Intel® Smart Cache	Intel® Arc™ B390 GPU, up to 122 TOPS	Up to 50 TOPS
Core Ultra 5 325	8 (4 P-core + 4 LP E-core)	8	P-core 2.1GHz / LP E-core 1.6GHz	P-core 4.5GHz / LP E-core 3.4GHz	12MB Intel® Smart Cache	Intel® Graphics, up to 40 TOPS	Up to 47 TOPS
Core Ultra 5 335	8 (4 P-core + 4 LP E-core)	8	P-core 2.2GHz / LP E-core 1.6GHz	P-core 4.6GHz / LP E-core 3.4GHz	12MB Intel® Smart Cache	Intel® Graphics, up to 40 TOPS	Up to 47 TOPS
Core Ultra 7 355	8 (4 P-core + 4 LP E-core)	8	P-core 2.3GHz / LP E-core 1.7GHz	P-core 4.7GHz / LP E-core 3.5GHz	12MB Intel® Smart Cache	Intel® Graphics, up to 40 TOPS	Up to 49 TOPS
Core Ultra 7 356H	16 (4 P-core + 8 E-core + 4 LP E-core)	16	P-core 1.9GHz / E-core 1.5GHz / LP E-core 1.5GHz	P-core 4.7GHz / E-core 3.5GHz / LP E-core 3.3GHz	18MB Intel® Smart Cache	Intel® Graphics, up to 40 TOPS	Up to 50 TOPS
Core Ultra 7 365	8 (4 P-core + 4 LP E-core)	8	P-core 2.4GHz / LP E-core 1.8GHz	P-core 4.8GHz / LP E-core 3.6GHz	12MB Intel® Smart Cache	Intel® Graphics, up to 40 TOPS	Up to 49 TOPS
Core Ultra 7 366H	16 (4 P-core + 8 E-core + 4 LP E-core)	16	P-core 2.0GHz / E-core 1.6GHz / LP E-core 1.6GHz	P-core 4.8GHz / E-core 3.6GHz / LP E-core 3.4GHz	18MB Intel® Smart Cache	Intel® Graphics, up to 40 TOPS	Up to 50 TOPS
Core Ultra X7 358H	16 (4 P-core + 8 E-core + 4 LP E-core)	16	P-core 1.9GHz / E-core 1.5GHz / LP E-core 1.5GHz	P-core 4.8GHz / E-core 3.5GHz / LP E-core 3.3GHz	18MB Intel® Smart Cache	Intel® Arc™ B390 GPU, up to 122 TOPS	Up to 50 TOPS

### AI (Artificial Intelligence)

#### AI PC Category

Copilot+ PC<sup>[1]</sup>

#### NPU

Up to 50 TOPS

Notes:

[1] Copilot+ PCs have at least 16GB RAM, 256GB storage, and a NPU that runs 40+ TOPs to run the latest AI tools build-in latest Windows® 11 to accelerate productivity and creativity.

### Operating System

#### Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Fedora Linux<sup>[1]</sup>
- Ubuntu Linux<sup>[2]</sup>
- Linux<sup>[3]</sup>
- No preload operating system

Notes:

[1], [2], [3] Some features may not be supported on the system with Linux preload, including but not limited to Intel® RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

## Graphics

### Graphics\*\*

Graphics	Type	Memory	Key Features
Intel® Graphics	Integrated	Shared	DirectX® 12 Ultimate
Intel® Arc™ B390 GPU	Integrated	Shared	DirectX® 12 Ultimate

## Monitor Support

### Monitor Support<sup>[1]</sup>

Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and Thunderbolt™)

- HDMI® supports up to 4K@60Hz
- Thunderbolt™ supports up to 8K@60Hz<sup>[2]</sup>

Notes:

[1] Refresh rates >60hz also supported, however max resolution will be limited.

[2] 8K resolution support needs 2 display pipes. That is, simultaneous display number will “-1” when 8K resolution displayed.

## Chipset

### Chipset

Intel® SoC (System on Chip) platform

## Memory

### Max Memory

- 16GB soldered memory, not upgradable
- 24GB soldered memory, not upgradable
- 32GB soldered memory, not upgradable
- 64GB soldered memory, not upgradable

### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

### Memory Type\*\*<sup>[1]</sup>

- LPDDR5X-7467
- LPDDR5X-8533
- LPDDR5X-9600

Notes:

[1] Installed memory is 16GB LPDDR5X-8533, 32GB LPDDR5X-8533 or 64GB LPDDR5X-9600 but may runs at lower frequency due to platform limitation.

## Storage

### Max Storage Support<sup>[1]</sup>

One drive, up to 2TB M.2 2280 SSD

### Storage Slot<sup>[2]</sup>

One M.2 2280 PCIe® 5.0 x4 slot

### Storage Type\*\*

Disk Type	Interface	Offering	Security
M.2 2280 SSD	PCIe® NVMe®, PCIe® 4.0 x4	256GB / 512GB / 1TB	Opal 2.0
M.2 2280 SSD	PCIe® NVMe®, PCIe® 5.0 x4 Performance	512GB / 1TB / 2TB	Opal 2.0

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

[2] The actual data transfer rate of the following PCIe® interface also depends on the capabilities of the connected PCIe® device. The listed values represent theoretical maximums.

PCIe® 3.0 (x2 / x4): 2 GB/s (16 Gbps) / 4 GB/s (32 Gbps);

PCIe® 4.0 (x2 / x4): 4 GB/s (32 Gbps) / 8 GB/s (64 Gbps);  
PCIe® 5.0 (x2 / x4): 8 GB/s (64 Gbps) / 16 GB/s (128 Gbps).

## Removable Storage

### Card Reader

No card reader

## Multi-Media

### Audio Chip

SoundWire®, Cirrus Logic® CS42L45 codec

### Speakers

Stereo speakers, 2W x2, Dolby Atmos®

### Microphone

Dual-microphone array, 360° far-field

### Camera\*\*

- 5.0MP + IR discrete, with privacy shutter, fixed focus, vHDR, Computer Vision on Image Signal Processor (ISP), temporal noise reduction<sup>[1]</sup>
- UHD 10.0MP + IR discrete, with Privacy Shutter, MIPI, ToF sensor, fixed focus, ultrawide, temporal noise reduction

Notes:

[1] Computer Vision on ISP is only available on the models with preloaded OS.

## Battery

### Battery

58Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter<sup>[1]</sup>

### Battery Life<sup>[2]</sup>

Configuration 1

MobileMark® 30: up to 19.2 hr with 1073 performance score @250nits

JEITA-BAT 3.0 (Video/Idle): up to 18.9 hr / 38.0 hr @200nits

Local video playback: up to 32.6 hr @150nits

Alternate configuration 2

MobileMark® 30: up to 16.0 hr with 1198 performance score @250nits

JEITA-BAT 3.0 (Video/Idle): up to 17.9 hr / 33.2 hr @200nits

Local video playback: up to 32.8 hr @150nits

Alternate configuration 3

MobileMark® 30: up to 11.4 hr with 1939 performance score @250nits

JEITA-BAT 3.0 (Video/Idle): up to 13.3 hr / 20.3 hr @200nits

Local video playback: up to 22.4 hr @150nits

Notes:

[1] Rapid charge is only guaranteed when the computer is turned off or in standby mode or in hibernation mode. When the computer is powered on, the Charge Time will vary depending on system power consumption and AC adapter power.

[2] Configuration 1: WUXGA ePrivacy (touch), Intel® Core™ Ultra 5 325, 16GB LPDDR5X-7467, Win 11, 58Wh battery, best power efficiency power mode

Alternate configuration 2: WUXGA low power (touch), Intel® Core™ Ultra 7 366H, 32GB LPDDR5X-8533, Win 11, 58Wh battery, best power efficiency power mode

Alternate configuration 3: 2.8K (touch), Intel® Core™ Ultra X7 368H, 64GB LPDDR5X-9600, Win 11, 58Wh battery, balanced power mode

All battery life claims are approximate maximum and based on results using [MobileMark® 25](#), JEITA 3.0, continuous 1080p local video playback (using default Media Player in Fullscreen mode with 150nits brightness and default volume level), or Google Power Load Test (PLT) battery-life benchmark tests.

Actual battery life will vary depending on many factors such as product configuration, software, wireless functionality, power management settings, and screen brightness.

The maximum capacity of the battery will decrease with time, ambient temperature and use.

Refer to [Microsoft® link](#) for more information about the Windows® Performance power slider.

## Power Adapter

### Power Adapter\*\*<sup>[1]</sup>

- 65W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® nano GaN (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® nano GaN (3-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® slim GaN (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® slim GaN (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- No power adapter

Notes:

[1] AC adapter offerings depend on the country.

## DESIGN

### Display

#### Display\*\*

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
14"	WUXGA (1920x1200)	On-cell touch	IPS <sup>[1]</sup>	500nits	Anti-glare	16:10	1500:1	100% sRGB	60Hz	85° / 85° / 85° / 85°	ThinkPad® Privacy Guard, Eyesafe® Certified 2.0
14"	WUXGA (1920x1200)	In-cell touch	IPS <sup>[2]</sup>	500nits	Anti-glare	16:10	1500:1	100% sRGB	60Hz	85° / 85° / 85° / 85°	Low power, Eyesafe® Certified 2.0
14"	2.8K (2880x1800)	Non-touch	OLED	500nits	Anti-glare	16:10	100,000:1	100% DCI-P3	120Hz VRR	85° / 85° / 85° / 85°	DisplayHDR™ True Black 500, Eyesafe® Certified 2.0
14"	2.8K (2880x1800)	Non-touch	OLED	500nits	Anti-glare, anti-reflection, anti-smudge	16:10	100,000:1	100% DCI-P3	120Hz VRR	85° / 85° / 85° / 85°	DisplayHDR™ True Black 500, Eyesafe® Certified 2.0
14"	2.8K (2880x1800)	Add-on Film touch	OLED	500nits	Anti-glare, anti-reflection, anti-smudge	16:10	100,000:1	100% DCI-P3	120Hz VRR	85° / 85° / 85° / 85°	DisplayHDR™ True Black 500, Eyesafe® Certified 2.0

#### Touchscreen\*\*

- Add-on Film Touch, supports 10-point touch
- In-cell multi-touch, supports 10-point touch
- On-cell multi-touch, supports 10-point touch
- Non-touch

#### Screen-to-Body Ratio

88.8%

Notes:

[1], [2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

### Input Device

#### Pen

No support

#### Keyboard

6-row, spill-resistant, air intake design, multimedia Fn keys, key travel 1.5mm / 1.35mm (Fn row & G/H/B), Copilot key

**Keyboard Backlight**

LED backlight

**UltraNav™\*\***

- TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu  
Glass-like Mylar® surface multi-touch 3-button Trackpad, 80 x 120 mm (3.15 x 4.72 inches)
- TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu  
Glass surface multi-touch Haptic Touchpad, 80 x 130 mm (3.15 x 5.12 inches)

**Mechanical**

**Dimensions (WxDxH)<sup>[1]</sup>**

Models	Dimensions
Models with non-touch display	312.50 x 215.75 x 7.7/14.3 (front/rear), 16.85 (maximum) mm; 12.30 x 8.49 x 0.3/0.56 (front/rear), 0.66 (maximum) inches
Models with multi-touch display	312.50 x 215.75 x 9.2/15.3 (front/rear), 17.6 (maximum) mm; 12.30 x 8.49 x 0.36/0.60 (front/rear), 0.69 (maximum) inches

**Weight<sup>[2]</sup>**

Models	Weight
Models with Haptic Touchpad	Starting at 0.998 kg (2.20 lbs)
Models with Trackpad	Starting at 0.977 kg (2.15 lbs)

**Case Color\*\***

- Black
- Black, FIFA® Edition

**Case Material\*\***

- Models with 2.8K OLED display: carbon fiber (top), magnesium (bottom)
- Models with WUXGA IPS display: carbon fiber (top), aluminium (bottom)

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

**CONNECTIVITY**

**Network**

**WLAN + Bluetooth®\*\*<sup>[1]</sup>**

- Intel® Wi-Fi® 7 BE211, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4 (Bluetooth® 6.0 hardware ready)
- Intel® Wi-Fi® 7 BE211, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4 (Bluetooth® 6.0 hardware ready), Intel® vPro® technology support<sup>[2]</sup>

**WWAN\*\***

- Wireless WAN upgradable to 4G or 5G (with antenna ready)<sup>[3]</sup>
- Snapdragon® X12 LTE Modem, 4G LTE CAT6, M.2 card, with embedded eSIM functionality
- Snapdragon® X61 5G Modem-RF System, Sub-6 GHz, M.2 card, with embedded eSIM functionality
- No support

**SIM Card\*\*<sup>[4]</sup>**

- KDDI eSIM Program 3-year (Japan)
- KDDI eSIM Program 3-year with international roaming (Japan)
- KDDI eSIM Program 4-year (Japan)
- KDDI eSIM Program 4-year with international roaming (Japan)
- KDDI eSIM Program 5-year (Japan)
- KDDI eSIM Program 5-year with international roaming (Japan)
- No physical SIM card included

**Ethernet**

No onboard Ethernet<sup>[5]</sup>

## NFC

- Near Field Communication<sup>[6]</sup>
- No support

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[2] Intel® vPro® platform requires the hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. For detailed vPro® support information, please refer to the System Management section.

[3] Wireless WAN upgradable to 4G is only available in EMEA.

[4] KDDI eSIM Program has no physical SIM card inbox and is for special bid only.

[5] Ethernet support via optional Lenovo® USB-C® to Ethernet Adapter.

[6] NFC is mutually exclusive with Haptic Touchpad.

## Ports<sup>[1]</sup>

### Standard Ports

- 1x USB-A (USB 5Gbps), Always On
- 3x Thunderbolt™ 4, with USB PD 15-65W and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)

### Optional Ports

1x Nano-SIM card slot (WWAN support models)

Notes:

[1] The transfer speed of the ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.

## Docking

### Docking

Various docking solutions supported via Thunderbolt™ / USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkPad® X1 Carbon Gen 14 Aura Edition](#)

## SECURITY & PRIVACY

### Security

#### ThinkShield

ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more details, visit [here](#)

#### Security Chip

Discrete TPM 2.0, TCG certified

#### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

#### Smart Card Reader

No smart card reader

#### Fingerprint Reader

Touch style fingerprint reader, integrated in power button on keyboard, match-on-chip

#### BIOS Security

- Certificate-based BIOS authentication
- FIDO (Fast Identity Online) authentication
- NVMe® password
- Power-on password
- Supervisor password

- System management password
- Self-healing BIOS
- More BIOS security features, please visit [BIOS Simulator](#)

## Other Security

- (Optional) ToF based Human Presence Detection
- (Optional) Computer Vision-based Human Presence Detection on Image Signal Processor (ISP)
- Camera privacy shutter
- IR camera for Windows® Hello (facial recognition)
- Privacy Guard with Privacy Alert (models with ThinkPad® Privacy Guard display)

## MANAGEABILITY

### System Management

#### System Management<sup>[1]</sup>

- Intel® vPro® Enterprise<sup>[2]</sup>
- Non-vPro®

Notes:

[1] Intel® vPro® platform require an eligible Intel® processor, a supported operating system, Intel® LAN and/or WLAN silicon, firmware enhancements, and other hardware and software necessary to deliver the manageability use cases, security features, system performance, and stability that define the platform. See [Intel® vPro® Platform](#) for details.

[2] Intel® vPro® offers a superset of DASH's defined capabilities.

## SERVICE

### Warranty

#### Base Warranty\*\*

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 1-year limited onsite service
- 3-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) limited onsite service
- No base warranty<sup>[1]</sup>

Notes:

[1] No base warranty is for special bid only.

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories\*\*\*<sup>[1]</sup>

- Lenovo® HDMI® to VGA Monitor Adapter
- Lenovo® USB-C® to Ethernet Adapter (1Gbps)
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkPad® X1 Carbon Gen 14 Aura Edition](#).

## OPERATING REQUIREMENTS

### Operating Environment

#### Temperature<sup>[1]</sup>

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage and transportation in original shipping package: -20°C (-4°F) to 60°C (140°F)
- Storage without package: 5°C (41°F) to 43°C (109°F)

#### Relative Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 5% to 95% at wet-bulb temperature 27°C (81°F)

## Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

Notes:

- [1] When you charge the battery, its temperature must be no lower than 10°C (50°F).

## ENVIRONMENTAL

### Sustainability

#### Material<sup>[1]</sup>

Top cover: 100% Bio-based Carbon fiber plate, 61%PCC PC + 20% recycled CF frame resin  
Keyboard frame: 90% recycled magnesium  
Bottom cover (OLED): 90% recycled magnesium  
Bottom cover (WUXGA): 50% PIC + 5% PCC recycled aluminum  
Keyboard (keycaps): 85% PCC recycled material (black keyboard)  
Keyboard (base plate): 50% recycled PIR aluminum  
Speaker enclosure: 98% PCC recycled material  
TouchPad: 30% PCC recycled material (Haptic TouchPad magnet)  
Battery: 100% recycled cobalt  
Battery frame: 90% PCC recycled material  
Adapter: 90% PCC recycled material  
Cable/antenna holders: 30% PCC + 5% Lenovo® closed-loop PCC  
Fan housing: 25% PCC recycled plastic, 90% recycled steel  
Packaging: Plastic-free primary packaging with FSC-certified paper

Notes:

- [1] PCC: Post Consumer Content, recycled materials from customers.

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications<sup>[2]</sup>

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered<sup>[3]</sup>
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit <https://compliance.lenovo.com>.

[2] EPEAT™ registration and ENERGY STAR® certification are optional and only available on the models with preloaded OS. Please visit [epeat.net](https://epeat.net) and [energystar.gov](https://energystar.gov) for more information.

[3] EPEAT™ is registered where applicable, please visit [epeat.net](https://epeat.net) for registration status by country.

### Other Certifications

#### Mil-Spec Test

MIL-STD-810H military test passed

#### Other Certifications

- (Optional) Intel® Evo™ Platform
- Eyesafe® Certified 2.0
- SGS High Performance AI PC Certification 2.0
- TÜV Rheinland® Dynamic Privacy Filter (DPF) Certification (Privacy Guard models)

- Feature with \*\* means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.

- Feature with \*\*\* means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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