

# ThinkPad L13 Gen 6 (Intel)

Built for mobility and designed with versatility in mind, this laptop leverages up to Intel® U Series Core Ultra 7 Processor to streamline heavy workloads while keeping energy use in check. With integrated Intel® AI Boost delivering up to 12 TOPS, it powers intelligent applications that support content creation, data analysis, and real-time collaboration with remarkable efficiency. Intel® graphics ensure fluid visuals for everything from video editing to presentations, while up to 32GB DDR5x memory enables seamless multitasking across design software, spreadsheets, and research tools without performance dips.



**Redefining possibilities with  
powerful performance and  
groundbreaking on-device AI**

Its vibrant 13.3" WUXGA display with 100% sRGB color accuracy offers crisp, true-to-life visuals ideal for creatives and presenters alike. The optional multi-touch screen enhances interactivity, while a range of modern ports and up to Wi-Fi® 7 ensure uninterrupted connectivity everywhere.

With up to 1TB SSD storage, professionals can carry large files and boot applications quickly. Discrete TPM 2.0 and a touch style fingerprint reader safeguard sensitive data, securing remote work for consultants, executives, and field-based teams.

Optimized for seamless web conferencing, it features a dual-microphone array that captures clear voice input and an HD 720p camera with fixed focus. A built-in privacy shutter ensures visual security between meetings and video calls.

# Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



## Return To Depot Repair Warranty

- No-hassle repair process at a Lenovo service center
- Lenovo pays for all shipping between the customer and service facility
- Avoid unplanned operational expense with a simple annual fee

# Accessories

## Lenovo Wired ANC Headset Gen 2

- Active Noise Cancellation
- Certified for Zoom and Microsoft Teams
- Inline Control Box with LED Indication



PN: Teams : 4XD1M45627, UC : 4XD1M39029

## Lenovo Essential Wireless Combo Keyboard & Mouse Gen 2

- Embrace the freedom of a clutter-free and cable-free work setup.
- Ergonomically sculpted cups and low-profile island keys for maximum comfort.
- A 2.4 MHz receiver for a seamless keyboard and mouse connection.



PN: 4X31N50708 – 4X31N50757

# ThinkPad L13 Gen 6 (Intel)

## Performance

**Processor**  
Intel U Series Core Ultra 5/7 Processor (Series 2)

**AI PC Category**  
AI PC

**Operating System\***  
Windows 11 Pro  
Windows 11 Home  
Windows 11 Home Single Language  
Ubuntu Linux

**NPU**  
Integrated Intel AI Boost, up to 12 TOPS

**Graphics**  
Intel Graphics (integrated)

**Memory<sup>1</sup>**  
16GB LPDDR5x-7467, soldered  
32GB LPDDR5x-7467, soldered

<sup>1</sup>Installed memory is actually LPDDR5x-8533 but runs as LPDDR5x-7467 due to platform limitation.

**Storage<sup>2</sup>**  
One drive, up to 1TB M.2 2242 SSD

<sup>2</sup>The storage capacity supported is based on the test results with current Lenovo storage offerings.

**Audio\***  
High Definition (HD) Audio  
Stereo speakers, 2W x2, Dolby Atmos  
Dual-microphone array, Elevoc Voice

**Camera\***  
HD 720p, with privacy shutter  
5.0MP + IR discrete, with privacy shutter, temporal noise reduction

**Battery<sup>3</sup>**  
41Wh or 54.7Wh battery, up to 12.8 hr, Rapid Charge

<sup>3</sup>Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

**Power Adapter\***  
65W USB-C adapter, PD 3.0  
65W USB-C slim GaN adapter, PD 3.0

## Design

**Display<sup>4</sup>**  
13.3" WUXGA (1920x1200) IPS Anti-glare 16:10  
- 400nits, 45% NTSC 3M DBEF5  
- 400nits, 100% sRGB, Eyesafe  
- 400nits, 100% sRGB, Eyesafe, touch

<sup>4</sup>IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

**Keyboard**  
6-row, spill-resistant, Copilot key, optional backlight

**Touchpad**  
TrackPoint, Mylar or glass-like Mylar surface TrackPad  
60 x 115 mm (2.36 x 4.53 inches)

**Dimensions<sup>5</sup>**  
299.0 x 215.0 x 12.0/15.7 (front/rear), 18.95 (maximum) mm;  
11.77 x 8.46 x 0.47/0.62 (front/rear), 0.75 (maximum) inches

<sup>5</sup>The system dimensions may vary depending on configurations.

**Weight<sup>6</sup>**  
Starting at 1.21 kg (2.67 lbs)

<sup>6</sup>The system weight is approximate and may vary depending on configurations

**Color**  
Black

**Case material**  
Aluminium (top), PC + 40% GF (bottom)

## Connectivity

**WLAN + Bluetooth\***  
Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.3  
Intel Wi-Fi 7 BE201, 802.11be, Bluetooth 5.4

**WWAN\***  
4G LTE CAT6 with embedded eSIM\*

**NFC**  
Near Field Communication\*

**Ports**  
1x USB-A (USB 5Gbps / USB 3.2 Gen 1)  
1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On  
2x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 3.1 and DP 2.1  
1x HDMI 2.1, up to 4K/60Hz  
1x Headphone / microphone combo jack (3.5mm)  
1x Smart card reader\*  
1x Nano-SIM card slot (WWAN support models)\*

**Docking**  
Docking support via Thunderbolt or USB-C

## Security & Privacy

**Security**  
Discrete TPM 2.0  
Kensington Nano Security Slot  
Smart card reader\*  
Touch style MOC fingerprint reader\*  
Camera privacy shutter  
IR camera for Windows Hello (facial recognition)\*

## Manageability

**System Management\*<sup>7</sup>**  
Intel vPro Enterprise\*

<sup>7</sup>Intel vPro offers a superset of DASH's defined capabilities.

## Certifications

**Green Certifications<sup>8 9 10</sup>**  
EPEAT Gold Registered  
ENERGY STAR 9.0  
ErP Lot 6/26  
TCO Certified 10.0  
RoHS compliant

<sup>8</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

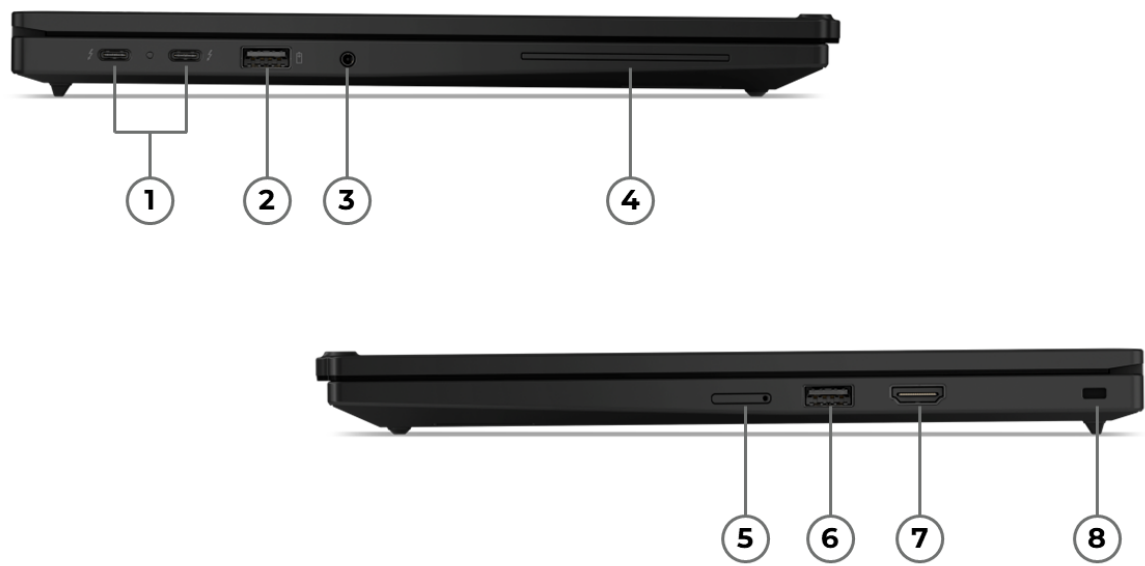
<sup>9</sup>EPEAT registration and ENERGY STAR certification are optional and only available on the models with preload OS.

<sup>10</sup>EPEAT is registered where applicable, please see [epeat.net](https://epeat.net) for registration status by country.

**Other Certifications**  
Eyesafe Certified 2.0\*  
MIL-STD-810H



OVERVIEW



1. 2x Thunderbolt 4	5. Nano-SIM card slot (WWAN model) *
2. USB-A (USB 5Gbps), Always On	6. USB-A (USB 5Gbps)
3. Headphone / microphone combo jack (3.5mm)	7. HDMI
4. Smart card reader *	8. Kensington Nano Security Slot

- Notes:
- Items with \* are only available on selected models

PERFORMANCE

Processor

Processor Family

Intel® U Series Core Ultra 5 / 7 Processor (Series 2)

Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
Core Ultra 5 225U	12 (2 P-core + 8 E-core + 2 LPE-core)	14	P-core 1.5GHz / E-core 1.3GHz / LPE-core 700MHz	P-core 4.8GHz / E-core 3.8GHz / LPE-core 2.4GHz	12MB	Intel® Graphics	Intel® AI Boost
Core Ultra 5 235U	12 (2 P-core + 8 E-core + 2 LPE-core)	14	P-core 2.0GHz / E-core 1.6GHz / LPE-core 700MHz	P-core 4.9GHz / E-core 4.1GHz / LPE-core 2.4GHz	12MB	Intel® Graphics	Intel® AI Boost
Core Ultra 7 255U	12 (2 P-core + 8 E-core + 2 LPE-core)	14	P-core 2GHz / E-core 1.7GHz / LPE-core 700MHz	P-core 5.2GHz / E-core 4.2GHz / LPE-core 2.4GHz	12MB	Intel® Graphics	Intel® AI Boost
Core Ultra 7 265U	12 (2 P-core + 8 E-core + 2 LPE-core)	14	P-core 2.1GHz / E-core 1.7GHz / LPE-core 700MHz	P-core 5.3GHz / E-core 4.2GHz / LPE-core 2.4GHz	12MB	Intel® Graphics	Intel® AI Boost

AI (Artificial Intelligence)

AI PC Category

AI PC<sup>[1]</sup>

NPU

Integrated Intel® AI Boost, up to 12 TOPS

Notes:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft® Copilot key or using Win + C.

Operating System

Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Ubuntu Linux<sup>[1]</sup>
- No preload operating system

Notes:

[1] 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	TGP	Key Features
Intel® Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12.2

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 3840x2160@60Hz
- Thunderbolt™ supports up to 7680x4320@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
- 32GB soldered memory, not upgradable

Memory Slots  
Memory soldered to systemboard, no slots, dual-channel

Memory Type  
LPDDR5x-7467<sup>[1]</sup>

Notes:  
[1] Installed memory is actually LPDDR5x-8533 but runs as LPDDR5x-7467 due to platform limitation.

Storage

Max Storage Support<sup>[1]</sup>  
One drive, up to 1TB M.2 2242 SSD  
Storage Slot  
One M.2 2242 PCIe® 4.0 x4 slot

Storage Type

Disk Type	Interface	Offering	Security
M.2 2242 SSD	PCIe® NVMe®, PCIe® 4.0 x4	256GB / 512GB / 1TB	Opal 2.0

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

Removable Storage

Card Reader  
No card reader

Multi-Media

Audio Chip  
High Definition (HD) Audio, Senary SN6147 codec

Speakers  
Stereo speakers, 2W x2, Dolby Atmos®

Microphone  
Dual-microphone array, Elevoc Voice

Camera\*\*

- HD 720p, with privacy shutter, fixed focus
- 5.0MP + IR discrete, with privacy shutter, fixed focus, temporal noise reduction

Battery

Battery\*\*

- 41Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr)<sup>[1]</sup>
- 54.7Wh Rechargeable Li-ion Battery, supports Rapid Charge (charge up to 80% in 1hr)<sup>[2]</sup>

Battery Life<sup>[3]</sup>  
Configuration 1 (max battery life)  
MobileMark® 25: up to 12.8 hr with 556 performance score @250nits

JEITA-BAT 3.0 (Video/Idle): up to 12.5 hr / 26.4 hr @200nits  
Local video playback: up to 22.5 hr @150nits

Alternate configuration 2  
MobileMark® 25: up to 12.2 hr with 556 performance score @250nits  
JEITA-BAT 3.0 (Video/Idle): up to 12.1 hr / 23.6 hr @200nits  
Local video playback: up to 21.6 hr @150nits

Notes:

[1], [2] 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.

[3] Configuration 1 (max battery life): WUXGA (non-touch), Intel® Core™ Ultra 5 225U, 16GB LPDDR5x, Win 11, 54.7Wh battery, best power efficiency power mode  
Alternate configuration 2: WUXGA (touch), Intel® Core™ Ultra 5 235U, 16GB LPDDR5x, Win 11, 54.7Wh battery, best power efficiency 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\*\*[1]
- 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® 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[2]

Notes:

[1] AC adapter offerings depend on the country.  
[2] No power adapter is for special bid only.

DESIGN

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
13.3"	WUXGA (1920x1200)	None	IPS	400nits	Anti-glare	16:10	1000:1	45% NTSC	60Hz	85° / 85° / 85° / 85°	3M™ DBEF5
13.3"	WUXGA (1920x1200)	None	IPS	400nits	Anti-glare	16:10	1500:1	100% sRGB	60Hz	89° / 89° / 89° / 89°	Eyesafe® Certified 2.0
13.3"	WUXGA (1920x1200)	Multi-touch	IPS	400nits	Anti-glare	16:10	1500:1	100% sRGB	60Hz	89° / 89° / 89° / 89°	Eyesafe® Certified 2.0

- Touchscreen
- In-cell multi-touch, supports 10-point touch
  - Non-touch

Input Device

Pen

No support

**Keyboard**

6-row, spill-resistant, multimedia Fn keys, Copilot key

**Keyboard Backlight**

- LED backlight
- Non-backlight

**UltraNav™\*\***

- Models with NFC:  
TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu  
Glass-like Mylar® surface multi-touch 3-button Trackpad, 60 x 115 mm (2.36 x 4.53 inches)<sup>[1]</sup>
- Models without NFC:  
TrackPoint® pointing device, double-tap to open the TrackPoint® Quick Menu  
Mylar® surface multi-touch 3-button Trackpad, 60 x 115 mm (2.36 x 4.53 inches)<sup>[2]</sup>

Notes:

[1] Glass-like Mylar® surface TrackPad is available for the NFC models.

[2] Mylar® surface TrackPad is available for the non-NFC models.

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

299.0 x 215.0 x 12.0/15.7 (front/rear), 18.95 (maximum) mm;  
11.77 x 8.46 x 0.47/0.62 (front/rear), 0.75 (maximum) inches

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

Starting at 1.21 kg (2.67 lbs)

**Case Color**

Black

**Case Material**

Aluminium (top), PC + 40% GF (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® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3<sup>[2]</sup>
- Intel® Wi-Fi® 7 BE201, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4<sup>[3]</sup>

**WWAN\*\***

- Wireless WAN upgradable to 4G (with antenna ready)
- Quectel EM061K-GL, 4G LTE CAT6, M.2 card, with embedded eSIM functionality
- No support

**SIM Card**

- KDDI eSIM Program (Japan)<sup>[4]</sup>
- No physical SIM card inbox

**Ethernet**

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

**NFC**

- Near Field Communication
- No support

Notes:



[1] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[2] Wi-Fi® 6E operation is subject to the regulation rules in each country.

[3] Wi-Fi® 7 operation is subject to the regulation rules in each country.

[4] KDDI eSIM Program is for special bid only.

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

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

### Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.1 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)

### Optional Ports\*\*\*

- 1x Smart card reader
- 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™ or USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkPad® L13 Gen 6 \(Intel®\)](#)

## SECURITY & PRIVACY

## Security

### Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-3 certified

### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

### Smart Card Reader

- Smart card reader, supports ISO 7816 and EMV
- No smart card reader

### Fingerprint Reader

- Touch style fingerprint reader integrated in power button, match-on-chip
- No fingerprint reader

### BIOS Security

- NVMe® password
- Power-on password
- Supervisor password
- System management password
- Certificate-based BIOS authentication
- FIDO (Fast Identity Online) authentication
- Self-healing BIOS
- More BIOS security features, please visit [BIOS Simulator](#)

### Other Security

- Camera privacy shutter
- (Optional) IR camera for Windows® Hello (facial recognition)

## MANAGEABILITY

## System Management

### System Management

- Intel® vPro® Enterprise<sup>[1]</sup>
- Non-vPro®

Notes:

[1] 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

## ACCESSORIES

### Bundled Accessories

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

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

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkPad® L13 Gen 6 \(Intel®\)](#).

## OPERATING REQUIREMENTS

### Operating Environment

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

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

50% recycled aluminium on top cover  
50% PCC recycled on aluminium top cover top frame  
50% PCC recycled on display cover bezel  
30% PCC recycled on bottom cover  
85% PCC recycled plastic used in key caps

90% PCC recycled plastic used in speaker enclosure  
45% PCC recycled plastic + 5% OBP on dummy SMC and dummy SIM cover  
25% OBP recycled on fan housing  
12% recycled rare earth fan magnet  
30% recycled rare earth speaker magnet  
90% PCC recycled plastic used in slim GaN 65W adapters and standard 65W adapters  
90% PCC recycled plastic used in the battery pack enclosure  
90% recycled and/or sustainable content for packaging

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 10.0

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) Eyesafe® Certified 2.0

- 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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