

next@*acer*

Explore the new balance  
**2023 PRODUCT SPECIFICATIONS**



# CONTENTS

## Acer

- 04 Aspire Vero 15
- 05 Swift X 16
- 06 Acer Chromebook Spin 714 /  
Acer Chromebook Enterprise Spin 714
- 07 TravelMate P6 14
- 08 TravelMate P4 16
- 09 TravelMate P4 Spin 14
- 10 TravelMate P4 14
- 11 TravelMate P2 14
- 12 TravelMate P2 16
- 13 Acer Vero PL3510ATV
- 15 **NITRO XZ452CU V**

## Gaming

- 17 PREDATOR HELIOS NEO 16
- 18 PREDATOR HELIOS 3D 15  
SpatialLabs™ Edition
- 19 PREDATOR TRITON 17 X
- 20 PREDATOR TRITON 14
- 21 PREDATOR ORION X
- 22 PREDATOR X34 V

*acer*

# Aspire Vero 15

acer

<b>Model</b>	AV15-53P
<b>Operating System</b>	Windows 11 Home
<b>Screen</b>	15.6" IPS LCD Display, FHD 1920 x 1080, 300 Nits, 16:9, 100% sRG
<b>Processors</b>	Intel® Evo™ Verified with 13th Gen Intel® Core™ i7 / i5 / i3 Processors
<b>Memory</b>	16GB / 8GB of LPDDR5
<b>Graphics</b>	Intel® Iris® Xe Graphics
<b>Storage</b>	1 TB / 512 GB / 256 GB NVMe PCIe Gen4 SSD
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• 359.7 (W) x 235.7 (D) x 17.9 (H) mm</li><li>• 14 x 9.2 x 0.7 inch</li></ul>
<b>Weight</b>	1.8 kg / 3.96 lbs
<b>Battery</b>	56 Wh
<b>Wireless</b>	Wi-Fi 6E
<b>Audio</b>	<ul style="list-style-type: none"><li>• Acer PurifiedVoice™ Technology with AI Noise Reduction</li><li>• Acer TrueHarmony Technology</li></ul>
<b>Security</b>	<ul style="list-style-type: none"><li>• Acer Bio-Protection Fingerprint Solution featuring Windows Hello Certification</li><li>• Firmware Trusted Platform Module (TPM) Solution</li><li>• BIOS, Supervisor, HDD Password Protection</li><li>• Kensington Lock Slot</li></ul>
<b>Durability</b>	<ul style="list-style-type: none"><li>• Up to 30,000 Open/Close Cycles</li><li>• Up to 20 kg Resistance on Closed Cover</li><li>• Up to 5 kg Resistance on Palm Rest</li><li>• Drop-Resistant up to 28 cm</li></ul>
<b>Eco-friendly design</b>	<ul style="list-style-type: none"><li>• EPEAT Gold registered</li><li>• 40% Post Consumer Recycled Plastics (PCR)</li><li>• 52% Reduction in PCB Surface Area</li><li>• Easy to Repair, Upgrade or Recycle</li><li>• VeroSense™ Battery Management</li><li>• 90% Recycled Paper</li><li>• 30% CO2 Emission Reduction<sup>1</sup></li><li>• 50% PCR on Keycaps and Power Adapter Casing</li><li>• OceanGlass™ Touchpad</li><li>• No Paint Design</li><li>• 100% Recyclable Packaging</li><li>• Reusable Packaging Design</li></ul>

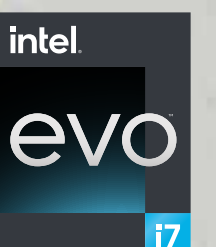
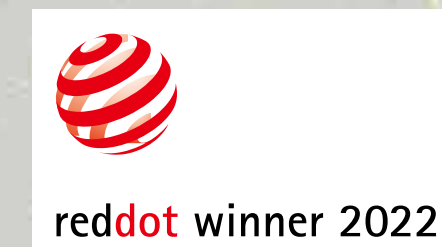


1. Emissions saved compared to regular laptop plastic chassis for laptops of the same size. The estimated value is calculated from Plastics Europe Eco-profile reports. The comparison is only focused on the material itself and is limited to compare 100% virgin plastic with 70% virgin plastic and 30% recycled plastic while assuming other factors that may influence CO2 emissions are equal.

2. Aspire Vero is recyclable when third-party labels are removed prior to recycling.

3. Specifications may vary depending on the model and region. All models subject to availability.

4. Time taken to drain from 100% to critical battery level under Windows 11 dark mode while performing typical workflows in a realistic environment. Individual system results may vary.





# Swift X16

<b>Model</b>	<b>SFX16-61G</b>
<b>Operating System</b>	Windows 11 Home
<b>Screen</b>	<ul style="list-style-type: none"><li>• 16" OLED Display, 3.2K 3200 x 2000</li><li>• 16" IPS LCD Display, WQXGA 2560 x 1600</li></ul>
<b>Processors</b>	<ul style="list-style-type: none"><li>• AMD Ryzen™ 9 7940H Processor</li><li>• AMD Ryzen™ 7 7840H Processor</li><li>• AMD Ryzen™ 5 7640H Processor</li><li>• AMD Ryzen™ 7 7735H Processor</li><li>• AMD Ryzen™ 5 7535H Processor</li></ul>
<b>Memory</b>	16GB of LPDDR5
<b>Graphics</b>	Nvidia® GeForce RTX™ 4050/3050 Laptop GPU
<b>Storage</b>	2 TB / 1 TB / 512 GB, PCIe Gen4, 16 Gb/s, NVMe
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• 356 (W) x 249.17 (D) x 17.9 (H) mm</li><li>• 14.02 x 9.81 x 0.7 inch</li></ul>
<b>Weight</b>	1.9 kg / 4.18 lbs
<b>Battery</b>	76 Wh
<b>Wireless</b>	Wi-Fi 6E
<b>Audio</b>	<ul style="list-style-type: none"><li>• DTS:X® Ultra Audio</li><li>• Two Built-in Front-facing Stereo Speakers</li><li>• Acer PurifiedVoice™ Technology with AI Noise Reduction</li><li>• Compatible with Cortana with Voice</li><li>• Acer TrueHarmony Technology</li></ul>
<b>Security</b>	<ul style="list-style-type: none"><li>• Acer Bio-Protection Fingerprint Solution featuring Windows Hello Certification</li><li>• Kensington Lock Slot</li><li>• Firmware Trusted Platform Module (TPM) Solution</li></ul>



1. Specifications may vary depending on model and/or region. All models subject to availability.

# Acer Chromebook Spin 714/ Acer Chromebook Enterprise Spin 714

<b>Model</b>	CP714-2W / CP714-2WN
<b>Operating System</b>	ChromeOS, ChromeOS with Chrome Education Upgrade, ChromeOS with Chrome Enterprise Upgrade
<b>Screen</b>	14" with IPS, WUXGA 1920 x 1200, 340 nits, multi-touch 16:10 aspect ratio, color gamut sRGB 100%
<b>Processors</b>	<ul style="list-style-type: none"> <li>• Intel® Core™ i3-1315U processor</li> <li>• Intel® Core™ i5-1335U processor</li> <li>• Intel® Core™ i7-1355U processor</li> <li>• Intel® vPro™ with Intel® Core™ i7-1365U processor</li> </ul>
<b>Memory</b>	32GB / 16GB / 8GB of LPDDR4X
<b>Graphics</b>	<ul style="list-style-type: none"> <li>• Intel® UHD Graphics</li> <li>• Intel® Iris® Xe Graphics</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• 256 GB / 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe</li> <li>• 128 GB, PCIe Gen3, 8 Gb/s, NVMe</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 312.6 (W) x 224 (D) x 18.05 (H) mm</li> <li>• 12.31 x 8.82 x 0.71 inch</li> </ul>
<b>Weight</b>	1.37 kg / 3.02 lbs
<b>Battery</b>	56 Wh, 10 hours <sup>1</sup>
<b>Wireless</b>	Wi-Fi 6E
<b>Audio</b>	<ul style="list-style-type: none"> <li>• DTS® Audio</li> <li>• Two built-in upward firing stereo speakers design</li> <li>• Two built-in array microphones</li> <li>• Google Assistant™ Lab Certification (ART)</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• Optional fingerprint reader with on-chip matching design for Chrome OS</li> <li>• Discrete H1 Trusted Platform Module (TPM) solution for Chromebook</li> </ul>
<b>Antimicrobial</b>	Antimicrobial Corning® Gorilla® Glass <sup>2,3</sup>
<b>Durability</b>	MIL-STD 810H <sup>4</sup>
<b>Eco-friendly design</b>	<ul style="list-style-type: none"> <li>• EPEAT Gold registered<sup>5</sup></li> <li>• 100% recyclable and plastic-free packaging</li> </ul>
<b>Stylus</b>	Optional Acer USI Stylus
<b>Webcam</b>	QHD MIPI 2K Webcam



1. Battery life may vary depending on model and configuration. Based on Google power\_LoadTest. (<http://www.chromium.org/chromium-os/testing/power-testing>). Actual battery life varies by model, configuration (including storage capacity, RAM capacity, processor in use, display type and resolution, etc.), applications, power management settings, operating conditions, and utilized features.

2. Acer Antimicrobial Design may vary depending on models/region. All antimicrobial solutions including Antimicrobial Corning® Gorilla® Glass and silver ion antimicrobial technology do not claim to protect users or provide any direct or implied health benefit.

3. The antimicrobial protection is limited to the touch surface. Products featuring Acer Antimicrobial Design have implemented antimicrobial solutions on select high-touch surfaces.

4. MIL-STD 810G/H is a testing protocol conducted in controlled settings and does not guarantee future performance in all situations. Do not attempt to simulate these tests, as damage resulting from this will not be covered by Acer's standard warranty.

5. EPEAT® registration varies by country. See <http://www.epeat.net/> for the registration status for each country.



# TravelMate P6 14

<b>Model</b>	TMP614-53 / TMP614-53-TCO / TMP614P-53 / TMP614P-53-TCO / TMP614-53T / TMP614-53T-TCO	
<b>Operating System</b>	Windows 11 Pro	
<b>Screen</b>	<ul style="list-style-type: none"><li>• 14" OLED 2.8K 2880 x 1800 16:10 display</li><li>• 14" WUXGA 1920 x 1200 16:10 display</li></ul>	
<b>Processors</b>	Intel vPro®, An Intel® Evo™ Design with 13th Gen Intel® Core™ i7/i5 processors <sup>1</sup>	
<b>Memory</b>	32GB / 16GB / 8GB of LPDDR5	
<b>Graphics</b>	Intel® Iris® Xe Graphics	
<b>Storage</b>	2TB / 1TB / 512GB NVMe PCIe Gen4 SSD	
<b>Dimension</b>	<ul style="list-style-type: none"><li>• 313.4 (W) x 226.5 (D) x 16.9/18.9 (H) mm</li><li>• 12.2 x 8.8 x 0.67/0.73 inch</li></ul>	
<b>Weight</b>	1.09 kg / 2.4 lbs	
<b>Battery</b>	65 Wh	
<b>Wireless</b>	Wi-Fi 6E, 5G	
<b>Audio</b>	<ul style="list-style-type: none"><li>• Acer PurifiedVoice™ Technology with AI noise reduction</li><li>• Upward-facing speakers with DTS® Audio</li></ul>	
<b>Security</b>	<ul style="list-style-type: none"><li>• dTPM 2.0</li><li>• Power-on fingerprint reader with Windows Hello</li><li>• Webcam Privacy Shutter</li><li>• Acer User Sensing Technology<sup>3</sup></li></ul>	<ul style="list-style-type: none"><li>• Secure-cored PC</li><li>• FHD IR webcam with Windows Hello</li><li>• Privacy Panel<sup>2</sup></li></ul>
<b>Durability</b>	<ul style="list-style-type: none"><li>• MIL-STD</li><li>• Corning® Gorilla® Glass touchpad</li></ul>	
<b>Eco-friendly design</b>	<ul style="list-style-type: none"><li>• EPEAT Gold registered</li><li>• 100% recyclable and plastic-free packaging</li></ul>	<ul style="list-style-type: none"><li>• TCO 9 certified<sup>4</sup></li></ul>

1. Specifications may vary depending on the model and region. All models subject to availability.  
2. Privacy panel limited to models using FHD resolution.  
3. Acer User Sensing limited to models with IR webcam.  
4. For more information on our TCO Certified devices, please contact your local sales representative.



reddot winner 2023





# TravelMate P4 16

<b>Model</b>	TMP416-52 / TMP416-52-TCO / TMP416-52G / TMP416-72 / TMP416-72-TCO	
<b>Operating System</b>	Windows 11 Pro	
<b>Screen</b>	16" WUXGA 1920 x 1200 16:10 display	
<b>Processors</b>	Intel vPro® with 13th Gen Intel® Core™ i7/i5/i3 processors <sup>1</sup>	
<b>Memory</b>	64GB / 32GB of DDR4	
<b>Graphics</b>	<ul style="list-style-type: none"><li>• NVIDIA® GeForce® RTX2050</li><li>• Intel® Iris® Xe Graphics</li></ul>	
<b>Storage</b>	1TB / 512GB / 256GB NVMe PCIe Gen4 SSD	
<b>Dimension</b>	<ul style="list-style-type: none"><li>• 358 (W) x 251 (D) x 18.9 (H) mm</li><li>• 13.9 x 9.8 x 0.73 inch</li></ul>	
<b>Weight</b>	1.6 kg / 3.52 lbs	
<b>Battery</b>	65 Wh	
<b>Wireless</b>	Wi-Fi 6E, 4G LTE	
<b>Audio</b>	<ul style="list-style-type: none"><li>• Acer PurifiedVoice™ Technology with AI noise reduction</li><li>• Upward-facing speakers with DTS® Audio</li></ul>	
<b>Security</b>	<ul style="list-style-type: none"><li>• dTPM 2.0</li><li>• Power-on fingerprint reader with Windows Hello</li><li>• Webcam Privacy Shutter</li></ul>	<ul style="list-style-type: none"><li>• Secure-cored PC</li><li>• FHD IR webcam with Windows Hello</li><li>• Acer User Sensing Technology<sup>2</sup></li></ul>
<b>Durability</b>	<ul style="list-style-type: none"><li>• MIL-STD</li><li>• Corning® Gorilla® Glass touchpad</li></ul>	
<b>Eco-friendly design</b>	<ul style="list-style-type: none"><li>• EPEAT Gold registered</li><li>• 100% recyclable and plastic-free packaging</li></ul>	<ul style="list-style-type: none"><li>• TCO 9 certified<sup>3</sup></li></ul>



1. Specifications may vary depending on the model and region. All models subject to availability.  
2. Acer User Sensing limited to models with IR webcam.  
3. For more information on our TCO Certified devices, please contact your local sales representative.







# TravelMate P4 Spin 14



<b>Model</b>	TMP414RN-53 / TMP414RN-53-TCO / TMP414RN-53G	
<b>Operating System</b>	Windows 11 Pro	
<b>Screen</b>	14" WUXGA 1920 x 1200 16:10 display	
<b>Processors</b>	Intel vPro® with 13th Gen Intel® Core™ i7/i5/i3 processors <sup>1</sup>	
<b>Memory</b>	64GB / 32GB of DDR4	
<b>Graphics</b>	<ul style="list-style-type: none"><li>• NVIDIA® GeForce® RTX2050</li><li>• Intel® Iris® Xe Graphics</li></ul>	
<b>Storage</b>	1TB / 512GB / 256GB NVMe PCIe Gen4 SSD	
<b>Dimension</b>	<ul style="list-style-type: none"><li>• 319 (W) x 229 (D) x 18.9 (H) mm</li><li>• 12.4 x 8.9 x 0.73 inch</li></ul>	
<b>Weight</b>	1.499 kg / 3.3 lbs	
<b>Battery</b>	65 Wh	
<b>Wireless</b>	Wi-Fi 6E, 4G LTE	
<b>Audio</b>	<ul style="list-style-type: none"><li>• Acer PurifiedVoice™ Technology with AI noise reduction</li><li>• Upward-facing speakers with DTS® Audio</li></ul>	
<b>Security</b>	<ul style="list-style-type: none"><li>• dTPM 2.0</li><li>• Power-on fingerprint reader with Windows Hello</li><li>• Webcam Privacy Shutter</li></ul>	<ul style="list-style-type: none"><li>• Secure-cored PC</li><li>• FHD IR webcam with Windows Hello</li><li>• Acer User Sensing Technology<sup>2</sup></li></ul>
<b>Durability</b>	<ul style="list-style-type: none"><li>• MIL-STD</li><li>• Corning® Gorilla® Glass touch screen and touchpad</li></ul>	
<b>Eco-friendly design</b>	<ul style="list-style-type: none"><li>• EPEAT Gold registered</li><li>• 100% recyclable and plastic-free packaging</li></ul>	<ul style="list-style-type: none"><li>• TCO 9 certified<sup>3</sup></li></ul>
<b>Stylus Support</b>	Yes	



1. Specifications may vary depending on the model and region. All models subject to availability.  
2. Acer User Sensing limited to models with IR webcam.  
3. For more information on our TCO Certified devices, please contact your local sales representative.

# TravelMate P4 14



<b>Model</b>	TMP414-53 / TMP414-53-TCO / TMP414-53G / TMP414P-53G	
<b>Operating System</b>	Windows 11 Pro	
<b>Screen</b>	<ul style="list-style-type: none"> <li>• 14" 2.2K 2240 x 1400 16:10 display</li> <li>• 14" WUXGA 1920 x 1200 16:10 display</li> </ul>	
<b>Processors</b>	Intel vPro® with 13th Gen Intel® Core™ i7/i5/i3 processors <sup>1</sup>	
<b>Memory</b>	64GB / 32GB of DDR4	
<b>Graphics</b>	<ul style="list-style-type: none"> <li>• NVIDIA® GeForce® RTX2050</li> <li>• Intel® Iris® Xe Graphics</li> </ul>	
<b>Storage</b>	1TB / 512GB / 256GB NVMe PCIe Gen4 SSD	
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 319 (W) x 229 (D) x 18.9 (H) mm</li> <li>• 12.4 x 8.9 x 0.73 inch</li> </ul>	
<b>Weight</b>	1.387 kg / 3.05 lbs	
<b>Battery</b>	65 Wh	
<b>Wireless</b>	Wi-Fi 6E, 4G LTE	
<b>Audio</b>	<ul style="list-style-type: none"> <li>• Acer PurifiedVoice™ Technology with AI noise reduction</li> <li>• Upward-facing speakers with DTS® Audio</li> </ul>	
<b>Security</b>	<ul style="list-style-type: none"> <li>• dTPM 2.0</li> <li>• Power-on fingerprint reader with Windows Hello</li> <li>• Webcam Privacy Shutter</li> <li>• Acer User Sensing Technology<sup>3</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Secure-cored PC</li> <li>• FHD IR webcam with Windows Hello</li> <li>• Privacy Panel<sup>2</sup></li> </ul>
<b>Durability</b>	<ul style="list-style-type: none"> <li>• MIL-STD</li> <li>• Corning® Gorilla® Glass touch screen and touchpad</li> </ul>	
<b>Eco-friendly design</b>	<ul style="list-style-type: none"> <li>• EPEAT Gold registered</li> <li>• 100% recyclable and plastic-free packaging</li> </ul>	<ul style="list-style-type: none"> <li>• TCO 9 certified<sup>4</sup></li> </ul>

1. Specifications may vary depending on the model and region. All models subject to availability.  
 2. Privacy panel limited to models using FHD resolution.  
 3. Acer User Sensing limited to models with IR webcam.  
 4. For more information on our TCO Certified devices, please contact your local sales representative.



# TravelMate P2 14

<b>Model</b>	TMP214-55 / TMP214-55-TCO /TMP214-55G	
<b>Operating System</b>	Windows 11 Pro	
<b>Screen</b>	14" WUXGA 1920 x 1200 16:10 display	
<b>Processors</b>	Intel vPro® with 13th Gen Intel® Core™ i7/i5/i3 processors <sup>1</sup>	
<b>Memory</b>	64GB / 32GB of DDR4	
<b>Graphics</b>	<ul style="list-style-type: none"><li>• NVIDIA® GeForce® RTX2050</li><li>• Intel® Iris® Xe Graphics</li></ul>	
<b>Storage</b>	1TB / 512GB / 256GB NVMe PCIe Gen4 SSD	
<b>Dimension</b>	<ul style="list-style-type: none"><li>• 319.9 (W) x 235.4 (D) x 19.95/20.95 (H) mm</li><li>• 12.5 x 9.2 x 0.78/0.82 inch</li></ul>	
<b>Weight</b>	1.6 kg / 3.5 lbs	
<b>Battery</b>	65 Wh	
<b>Wireless</b>	Wi-Fi 6E, 4G LTE	
<b>Audio</b>	<ul style="list-style-type: none"><li>• Acer PurifiedVoice™ Technology with AI noise reduction</li><li>• Upward-facing speakers with DTS® Audio</li></ul>	
<b>Security</b>	<ul style="list-style-type: none"><li>• dTPM 2.0</li><li>• Fingerprint reader with Windows Hello</li><li>• Webcam Privacy Shutter</li></ul>	<ul style="list-style-type: none"><li>• Secure-cored PC</li><li>• FHD IR webcam with Windows Hello</li></ul>
<b>Durability</b>	<ul style="list-style-type: none"><li>• MIL-STD</li><li>• Corning® Gorilla® Glass touchpad</li></ul>	
<b>Eco-friendly design</b>	<ul style="list-style-type: none"><li>• E PEAT Gold registered</li><li>• 100% recyclable and plastic-free packaging</li></ul>	<ul style="list-style-type: none"><li>• TCO 9 certified<sup>2</sup></li></ul>

<sup>1</sup>. Specifications may vary depending on the model and region. All models subject to availability.  
<sup>2</sup>. For more information on our TCO Certified devices, please contact your local sales representative.

# TravelMate P2 16

acer

<b>Model</b>	TMP216-51 / TMP216-51-TCO / TMP216-51G	
<b>Operating System</b>	Windows 11 Pro	
<b>Screen</b>	16" WUXGA 1920 x 1200 16:10 display	
<b>Processors</b>	Intel vPro® with 13th Gen Intel® Core™ i7/i5/i3 processors <sup>1</sup>	
<b>Memory</b>	32GB / 16GB of DDR4	
<b>Graphics</b>	<ul style="list-style-type: none"><li>• NVIDIA® GeForce® RTX2050</li><li>• Intel® Iris® Xe Graphics</li></ul>	
<b>Storage</b>	1TB / 512GB / 256GB NVMe PCIe Gen4 SSD	
<b>Dimension</b>	<ul style="list-style-type: none"><li>• 358.5 (W) x 260 (D) x 19.9/22.9 (H) mm</li><li>• 15 x 10.1 x 0.78/0.89 inch</li></ul>	
<b>Weight</b>	1.87 kg / 4.11 lbs	
<b>Battery</b>	65 Wh	
<b>Wireless</b>	Wi-Fi 6E, 4G LTE	
<b>Audio</b>	<ul style="list-style-type: none"><li>• Acer PurifiedVoice™ Technology with AI noise reduction</li><li>• Upward-facing speakers with DTS® Audio</li></ul>	
<b>Security</b>	<ul style="list-style-type: none"><li>• dTPM 2.0</li><li>• Fingerprint reader with Windows Hello</li><li>• Webcam Privacy Shutter</li></ul>	<ul style="list-style-type: none"><li>• Secure-cored PC</li><li>• FHD IR webcam with Windows Hello</li></ul>
<b>Durability</b>	<ul style="list-style-type: none"><li>• MIL-STD</li><li>• Corning® Gorilla® Glass touchpad</li></ul>	
<b>Eco-friendly design</b>	<ul style="list-style-type: none"><li>• EPEAT Gold registered</li><li>• 100% recyclable and plastic-free packaging</li></ul>	<ul style="list-style-type: none"><li>• TCO 9 certified<sup>2</sup></li></ul>



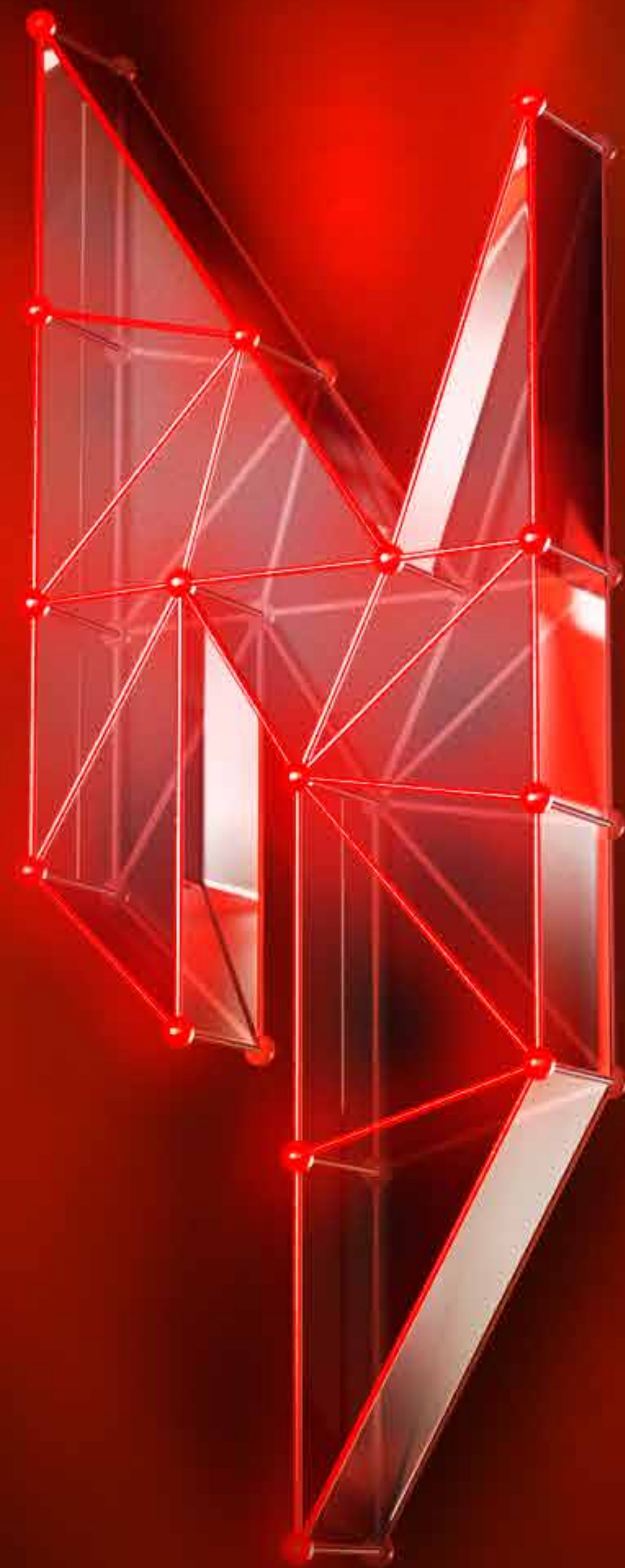
<sup>1</sup> Specifications may vary depending on the model and region. All models subject to availability.  
<sup>2</sup> For more information on our TCO Certified devices, please contact your local sales representative.



# Acer Vero PL3510ATV

<b>Model</b>	<b>PL3510ATV</b>
<b>Resolution</b>	• Native: 1080p (1920 x 1080) • Maximum Supported: 4K2K (3840 x 2160)
<b>Lamp Type</b>	Laser
<b>Brightness</b>	4,800 ANSI Lumens
<b>Aspect ratio</b>	16:9 (Native), 4:3 (Supported)
<b>Contrast ratio</b>	50,000:1
<b>Throw ratio</b>	1.15~1.5 (79"@2m)
<b>Projection lens</b>	F=2.59~2.87 f=16.88~21.88mm, Manual Zoom & Focus
<b>Keystone correction</b>	+/-40° (Vertical, Manual & Auto)
<b>Lamp life</b>	20,000hrs (Normal) / 30,000hrs (Eco Mode)
<b>Noise level</b>	29dBA (Eco Mode)
<b>Audio</b>	10W x 1
<b>Input interface</b>	HDMI (2.0) x 2 (HDMI2 eARC support)
<b>Output interface</b>	Audio Out x 1; SPDIF x 1; DC Out (5V/1.5A, USB Type A) x 1
<b>Control</b>	RS232 (D-sub) x 1
<b>Dimensions</b>	• 304 (W) x 226.27 (D) x 119.20 (H) mm • 11.8 x 8.82 x 4.6 inch
<b>Weight</b>	3.05 kg / 6.71 lbs

**NITRO**



acer

# NITRO XZ452CU V

Panel	Display Size	44.5"
	Panel type	VA
	Max. Resolution and Refresh Rate	<ul style="list-style-type: none"><li>• HDMI: 5120 x 1440@165Hz</li><li>• DP: 5120 x 1440@165Hz</li><li>• Type-C: 5120 x 1440@165Hz</li></ul>
	Glare	No
	Response Time	1ms (VRB)
	Contrast Ratio	100 million: 1 max (ACM)
	Brightness	<ul style="list-style-type: none"><li>• Native: 450nits</li><li>• HDR400 mode: peak 450nits</li></ul>
	Viewing Angle	178° (H), 178° (V)
	Color Gamut	DCI-P3 90% wide color gamut
	Colos Bits	16.7M 8Bit
System	Input Signal	2HDMI(2.1)+1DP(1.4)+1USB C(90W)+RJ45 +SPK+Audio out+USB 3.2x3+USB-B (2up 3down)
	VESA Wall Mounting	200x100mm
	Speakers	3Wx2
	Power Supply	Internal
	Tilt/Height Adjustment/ Swivel/Pivot	-5°~ 15°/110mm/±15°/N/A





# PREDATOR



# PREDATOR HELIOS NEO 16

<b>Model</b>	PHN16-71
<b>Operating System</b>	Windows 11 Home
<b>Screen</b>	<ul style="list-style-type: none"> <li>· 16" 16:10 WQXGA 2560 x 1600 IPS Display, 165Hz, sRGB 100%, 500 nits, NVIDIA G-SYNC &amp; Advanced Optimus capable, 3ms Overdrive</li> <li>· 16" 16:10 WUXGA 1920 x 1200 IPS Display, 165Hz. sRGB 100%, 400 nits, NVIDIA G-SYNC &amp; Advanced Optimus capable, 3ms Overdrive</li> </ul>
<b>Processors</b>	<ul style="list-style-type: none"> <li>· Intel® Core™ i7-13700HX processor</li> <li>· Intel® Core™ i5-13500HX processor</li> </ul>
<b>Memory</b>	<b>Dual-channel DDR5 SDRAM support</b> <ul style="list-style-type: none"> <li>· Up to 32 GB of DDR5 system memory</li> </ul> <b>Memory Frequency: Up to 4800 MT/s</b>
<b>Graphics</b>	<ul style="list-style-type: none"> <li>· NVIDIA® GeForce RTX™ 4070 with 8GB of dedicated GDDR6 VRAM</li> <li>· NVIDIA® GeForce RTX™ 4060 with 8GB of dedicated GDDR6 VRAM</li> <li>· NVIDIA® GeForce RTX™ 4050 with 6GB of dedicated GDDR6 VRAM</li> </ul>
<b>Storage</b>	<b>Solid state drive</b> <ul style="list-style-type: none"> <li>· 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe</li> <li>· 1 TB / 2 TB, NVMe, RAID 0 SSD</li> </ul>
<b>Thermal Solution</b>	5th Gen AeroBlade™ 3D Tech., Liquid Metal
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>· 360.1 (W) x 279.9 (D) x 26.55/28.25 (H) mm</li> <li>· 14.18 x 11.02 x 1.05/1.11 inch</li> </ul>
<b>Weight</b>	2.6 kg / 5.73 lbs
<b>Battery</b>	90 Wh 4-cell Li-ion battery
<b>Wireless</b>	<ul style="list-style-type: none"> <li>· Killer™ Wireless Wi-Fi 6E 1650i</li> <li>· Killer™ Ethernet E2600</li> </ul>
<b>Audio</b>	DTS® X:Ultra Audio



1. Specifications may vary depending on the model and region. All models subject to availability.



reddot winner 2023



# PREDATOR HELIOS 3D 15 SPATIALLABS™ EDITION

<b>Model</b>	PH3D15-71
<b>Operating System</b>	Windows 11 Home
<b>Screen</b>	<ul style="list-style-type: none"><li>· 15.6" Display with IPS (In-Plane Switching) technology, Ultra HD 3840 x 2160 in 2D mode, LED-backlit TFT LCD</li><li>· 3D Stereoscopic module for SpatialLabs, 1920 x 2160 in 3D mode</li></ul>
<b>Processors</b>	Intel® Core™ i9-13900HX processor
<b>Memory</b>	<b>Dual-channel DDR5 SDRAM support</b> <ul style="list-style-type: none"><li>· Up to 32 GB of DDR5 system memory</li><li><b>Memory Frequency: Up to 5600 MT/s</b></li></ul>
<b>Graphics</b>	NVIDIA® GeForce RTX™ 4080 with 12 GB of dedicated GDDR6 VRAM
<b>Storage</b>	<b>Solid state drive</b> <ul style="list-style-type: none"><li>· 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe</li><li>· 1 TB / 2 TB, NVMe, RAID 0 SSD</li></ul>
<b>Thermal Solution</b>	5th Gen AeroBlade™ 3D Tech., Liquid Metal, Vector Heat Pipes
<b>Dimensions</b>	<ul style="list-style-type: none"><li>· 359.4 (W) x 280.8 (D) x 26.9/27.9 (H) mm</li><li>· 14.15 x 11.06 x 1.06/1.1 inch</li></ul>
<b>Weight</b>	2.985 kg / 6.58 lbs
<b>Battery</b>	90 Wh 4-cell Li-ion battery
<b>Wireless</b>	<ul style="list-style-type: none"><li>· Killer™ Wireless Wi-Fi 6E 1675i</li><li>· Killer™ Ethernet E2600</li></ul>
<b>Audio</b>	DTS® X:Ultra Audio



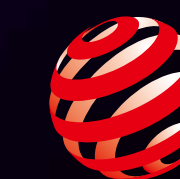
1. Specifications may vary depending on the model and region. All models subject to availability.

# PREDATOR TRITON 17 X

<b>Model</b>	PTX17-71
<b>Operating System</b>	Windows 11 Home
<b>Screen</b>	<ul style="list-style-type: none"><li>· 17.0" Mini LED Display , WQXGA 2560 x 1600, 1000 nits, 250 Hz, DCI-P3 100%, HDR 1000</li><li>· 17.0" IPS Display, WQXGA 2560 x 1600, 400 nits, 240 Hz, 3ms Overdrive, DCI-P3 100%, 3ms Overdrive</li></ul>
<b>Processors</b>	Intel® Core™ i9-13900HX processor
<b>Memory</b>	<b>Dual-channel DDR5 SDRAM support</b> <ul style="list-style-type: none"><li>· Up to 64 GB of DDR5 system memory</li><li><b>Memory Frequency: Up to 5600 MT/s</b></li></ul>
<b>Graphics</b>	NVIDIA® GeForce RTX™ 4090 with 16 GB of dedicated GDDR6 VRAM
<b>Storage</b>	<b>Solid state drive</b> <ul style="list-style-type: none"><li>· 1 TB / 2 TB, PCIe Gen4, 16 Gb/s, NVM</li><li>· 2 TB / 4 TB, NVMe, RAID 0 SSD</li></ul>
<b>Thermal Solution</b>	Vapor Chamber, 5th Gen AeroBlade™ 3D Tech., Liquid Metal, Vortex Flow
<b>Dimensions</b>	<ul style="list-style-type: none"><li>· 380.35 (W) x 280 (D) x 19.9/21.9 (H) mm</li><li>· 14.97 x 11.02 x 0.78/0.86 inch</li></ul>
<b>Weight</b>	3 kg / 6.61 lbs
<b>Battery</b>	99.98 Wh 4-cell Li-ion battery
<b>Wireless</b>	<ul style="list-style-type: none"><li>· Killer™ Wireless Wi-Fi 6E 1690i</li><li>· Killer™ Ethernet E3100G</li></ul>
<b>Audio</b>	DTS® X:Ultra Audio



1. Specifications may vary depending on the model and region. All models subject to availability.



reddot winner 2023



# PREDATOR TRITON 14

<b>Model</b>	PT14-51
<b>Operating System</b>	Windows 11 Home
<b>Screen</b>	<ul style="list-style-type: none"><li>· 14.0" Mini LED Display , WQXGA 2560 x 1600, 600 nits, 250 Hz, DCI-P3 100%, GTG 3ms overdrive, HDR 600</li><li>· 14.0" IPS Display, WQXGA 2560 x 1600, 500 nits, 165 Hz, 3ms Overdrive, DCI-P3 100%</li><li>· 14.0" IPS Display, WUXGA 1920 x 1200, 400 nits, 165 Hz, 3ms Overdrive, DCI-P3 100%</li></ul>
<b>Processors</b>	Intel® Core™ i7-13700H processor
<b>Memory</b>	<b>Dual-channel LPDDR5 SDRAM support</b> <ul style="list-style-type: none"><li>· 32 GB / 16 GB of onboard LPDDR5 system memory</li><li><b>Memory Frequency: Up to 6000 MT/s</b></li></ul>
<b>Graphics</b>	<ul style="list-style-type: none"><li>· NVIDIA® GeForce RTX™ 4070 with 8GB of dedicated GDDR6 VRAM</li><li>· NVIDIA® GeForce RTX™ 4050 with 6GB of dedicated GDDR6 VRAM"</li></ul>
<b>Storage</b>	<b>Solid state drive</b> <ul style="list-style-type: none"><li>· 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe (Notes: M.2 single-sided 2280)</li></ul>
<b>Thermal Solution</b>	5th Gen AeroBlade™ 3D Tech., Liquid Metal, Vortex Flow
<b>Dimensions</b>	<ul style="list-style-type: none"><li>· 313.5 (W) x 227 (D) x 18.9/19.9 (H) mm</li><li>· 12.34 x 8.94 x 0.74/0.78 inch</li></ul>
<b>Weight</b>	1.7 kg / 3.75 lbs
<b>Battery</b>	76 Wh 4-cell Li-ion battery
<b>Wireless</b>	Killer™ Wireless Wi-Fi 6E 1675i
<b>Audio</b>	DTS® X:Ultra Audio

1. Specifications may vary depending on the model and region. All models subject to availability.

# PREDATOR ORION X

<b>Model</b>	POX-950, POX-650
<b>Operating System</b>	Windows 11 Home
<b>Processors</b>	<ul style="list-style-type: none"><li>· Intel® Core™ i9-13900KS / i9-13900K / i9-13900KF processors</li><li>· Intel® Core™ i7-13900K / i7-13700KF / i7-13700F / i7-13700 processors</li><li>· Intel® Core™ i5-13400F / i5-13400 processors</li></ul>
<b>Graphics</b>	<ul style="list-style-type: none"><li>· NVIDIA® GeForce RTX™ 4090 GDDR6X 24GB, liquid cooled</li><li>· NVIDIA® GeForce RTX™ 4080 GDDR6X 16GB</li><li>· NVIDIA® GeForce RTX™ 4070 Ti GDDR6X 12GB</li></ul>
<b>Memory</b>	Up to 64GB DDR5-5600 memory
<b>Storage</b>	Up to 2TB M.2 SSD
<b>Connectivity</b>	<ul style="list-style-type: none"><li>· Intel® Killer E3100G</li><li>· Intel® Killer™ Wi-Fi 6E AX211</li></ul>
<b>Thermal Solution</b>	<ul style="list-style-type: none"><li>· Custom-engineered Liquid-Cooled GPU Block with Fans (RTX 4090)</li><li>· 240mm CPU Liquid Cooler (2x 120mm fans, rifle bearing, aRGB)</li></ul>
<b>Design</b>	<ul style="list-style-type: none"><li>· 15.4L Upgradeable Chassis</li><li>· Expandable 2x 2.5" SATA HDD</li><li>· 1x NVMe M.2 SSD Hot Swappable Bay</li></ul>
<b>Dimensions</b>	<ul style="list-style-type: none"><li>· 382 (W) x 179 (D) x 292 (H) mm</li><li>· 14.9 x 7 x 11.4 inch</li></ul>
<b>Audio</b>	DTS® X:Ultra Audio





## PREDATOR X34 V

Panel	Display Size	34"
	Panel type	OLED
	Max. Resolution and Refresh Rate	HDMI: 3440 x 1440@100Hz DP: 3440 x 1440@175Hz Type-C: 3440 x 1440@175Hz
	Glare	No
	Response Time	0.1ms (G to G)
	Contrast Ratio	1,000,000:1 (SDR/HDR)
	Brightness	Typ. 250nits, Peak 1000nits @ HDR 3%
	Viewing Angle	178°(H),178°(V)
	Color Gamut	DCI-P3 99% wide color gamut
Colos	1.07B	
Bits	10Bit	
System	Input Signal	2HDMI+1DP+1USB C(65W)+USB3.2 (2up 2down)+SPK+Audio out
	VESA Wall Mounting	100x100mm
	Speakers	5Wx2
	Power Supply	Internal
	Tilt/Height adjustment/ Swivel/Pivo	-5°~ 20°/120mm/-20°~20°/N/A

*acer*

intel®