

<b>Product</b>	<b>ThinkPad X1 Carbon Gen 12</b>
<b>Model</b>	<b>21KC00A7US</b>
<b>PERFORMANCE</b>	
<b>Processor</b>	Intel Core™ Ultra 7 155U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.8GHz, 12MB Intel® Smart Cache
<b>AI PC Category</b>	AI PC
<b>NPU</b>	Integrated Intel® AI Boost, up to 11 TOPS
<b>Graphics</b>	Integrated Intel® Graphics
<b>Chipset</b>	Intel® SoC Platform
<b>Memory</b>	32GB Soldered LPDDR5X-6400
<b>Memory Slots</b>	Memory soldered to systemboard, no slots, 8-channel
<b>Max Memory</b>	32GB soldered memory, not upgradable
<b>Storage</b>	512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0
<b>Storage Slot</b>	One M.2 2280 PCIe® 4.0 x4 slot
<b>Max Storage Support</b>	One drive, up to 2TB M.2 2280 SSD
<b>Optical</b>	None
<b>Card Reader</b>	No Card Reader
<b>Audio Chip</b>	High Definition (HD) Audio, Realtek® ALC3306 codec
<b>Speakers</b>	Stereo speakers, 2W x2, Dolby Atmos®
<b>Microphone</b>	2x, Array
<b>Camera</b>	FHD 1080p + IR Discrete with Privacy Shutter
<b>Battery</b>	57Wh
<b>Power Adapter</b>	65W USB-C® Slim (2-pin)
<b>DESIGN</b>	
<b>Display</b>	14" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, 60Hz, Low Power, Touch
<b>Touchscreen</b>	On-cell, 10-point Multi-touch
<b>Screen-to-Body Ratio</b>	89.2%
<b>Pen</b>	Pen Not Supported
<b>Keyboard</b>	Backlit, English
<b>Touchpad</b>	Trackpad
<b>Dimensions (WxDxH)</b>	312.80 x 214.75 x 14.96 mm (12.31 x 8.45 x 0.59 inches)
<b>Weight</b>	Starting at 1.08 kg (2.37 lbs)
<b>Case Color</b>	Black, Paint

<b>Case Material</b>	Carbon Fiber (Top), Aluminium (Bottom)
<b>SOFTWARE</b>	
<b>Operating System</b>	Windows® 11 Pro, English
<b>Bundled Software</b>	Intel® Connectivity Performance Suite
<b>CONNECTIVITY</b>	
<b>WLAN + Bluetooth</b>	Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®
<b>WWAN</b>	WWAN Not Supported
<b>SIM Card</b>	No physical SIM card inbox
<b>Ethernet</b>	No Onboard Ethernet
<b>NFC</b>	No NFC
<b>Standard Ports</b>	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 3.0 and DisplayPort™ 2.1, 1x HDMI® 2.1, up to 4K/60Hz, 1x Headphone / microphone combo jack (3.5mm)
<b>Optional Ports (configured)</b>	None
<b>Docking</b>	<a href="#">Various docking solutions supported via Thunderbolt™ / USB-C®.</a> <a href="#">For more compatible docking solutions, please visit Docking for ThinkPad® X1 Carbon Gen 12</a>
<b>SECURITY &amp; PRIVACY</b>	
<b>ThinkShield</b>	<a href="#">ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more details, visit here</a>
<b>Security Chip</b>	Discrete TPM 2.0 Enabled
<b>Physical Locks</b>	Kensington Nano Security Slot™, 2.5 x 6 mm
<b>Smart Card Reader</b>	No Smart Card Reader
<b>Fingerprint Reader</b>	Touch Style, Match-on-Chip, in Keyboard Key
<b>Other Security</b>	Camera privacy shutter, Ultrasonic Human Presence Detection (FHD 1080p + IR camera models), IR camera for Windows® Hello (facial recognition)
<b>MANAGEABILITY</b>	
<b>System Management</b>	Non-vPro®
<b>SERVICE</b>	
<b>Base Warranty</b>	3-year, Courier or Carry-in

<b>Included Upgrade</b>	3Y Premier Support Upgrade from 3Y Courier/Carry-in
<b>ACCESSORIES</b>	
<b>Bundled Accessories</b>	None
<b>CERTIFICATIONS</b>	
<b>Green Certifications</b>	ENERGY STAR® 9.0, EPEAT™ Gold Registered, ErP Lot 6/26, RoHS compliant, TCO Certified, generation 10
<b>Mil-Spec Test</b>	MIL-STD-810H military test passed
<b>Other Certifications</b>	Intel Evo™ Platform, Eyesafe® Certified 2.0
<b>Model Information</b>	
<b>Machine Type</b>	21KC
<b>Region</b>	NA
<b>Country/Region</b>	USA
<b>TopSeller</b>	Yes
<b>EAN / UPC / JAN</b>	198153669899
<b>Announce Date</b>	2024-04-09
<b>End of Support</b>	2030-07-08