

## FICHAS TÉCNICAS

## GRUPO 1.

GRUPO	1
ITEM	1
CANTIDAD	18
MARCA	Apple
REFERENCIA	MacBook Air
NUMERO DE PARTE	MXCR3E/A
PANTALLA	Pantalla Liquid Retina 13.6 pulgadas compatible con 1,000 millones de colores
CHIP	Apple M3 chip with 8-core CPU and 10-core GPU
MEMORIA	16GB
ALMACENAMIENTO	512GB SSD
COLOR	Space Grey
ADAPTADOR DE CORRIENTE	Adaptador de corriente USB-C
CONECTIVIDAD	(2) Puertos Thunderbolt, Puerto MagSafe, entrada para audífonos, Wi-Fi 6E, Bluetooth 5.3, Admite hasta (2) monitores externos cuando está cerrado.
AUDIO	Cuatro parlantes con audio espacial - Sistema de tres micrófonos
GARANTIA	Limitada (1) Año.
LINK	<a href="https://www.apple.com/mx/shop/buy-mac/macbook-air/13-pulgadas-gris-espacial-chip-m3-de-apple-con-cpu-de-8-n%C3%BAcleos-y-gpu-de-10-n%C3%BAcleos-16-gb-de-memoria-512gb">https://www.apple.com/mx/shop/buy-mac/macbook-air/13-pulgadas-gris-espacial-chip-m3-de-apple-con-cpu-de-8-n%C3%BAcleos-y-gpu-de-10-n%C3%BAcleos-16-gb-de-memoria-512gb</a>

GRUPO	1
ITEM	2
CANTIDAD	2
MARCA	Apple
REFERENCIA	MacBook Pro
NUMERO DE PARTE	Z1DS CTO
PANTALLA	Liquid Retina XDR de 14 pulgadas
CHIP	Apple M4 de Apple con CPU de 10 núcleos, GPU de 10 núcleos y Neural Engine de 16 núcleos
MEMORIA	Memoria unificada de 32 GB
ALMACENAMIENTO	512GB SSD
COLOR	Negro Espacial
ADAPTADOR DE CORRIENTE	Adaptador de corriente USB-C
CONECTIVIDAD	Tres puertos Thunderbolt 4, puerto HDMI, ranura para tarjeta SDXC y puerto MagSafe 3
GARANTIA	Limitada (1) Año.
NOTAS	Este equipo es un CTO que se solicita fabricar con las especificaciones relacionadas.

GRUPO	1
ITEM	3
CANTIDAD	3
GARANTIA	1 Año
NOTA	Se adjunta archivo

TEAM IT S.A.S.

**Envigado:** Calle 49 Sur # 45 A-300 Centro Empresarial S48 Tower Oficina 1607  
**Barranquilla:** Carrera 55 #100-51 Centro Comercial y Empresarial Blue Gardens Oficina 604  
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<http://www.teamit.com.co>



# wacom®

## Cintiq

### Make it on Wacom Cintiq

Wacom Cintiq is a new class of creative pen display with an optimized feature set for aspiring creatives. Vibrant color, HD clarity and ergonomic design together with the super-responsive Pro Pen 2, offer a truly natural experience and help take your creative ideas and illustrations to the next level.



Featured products: Wacom Cintiq 16" and Wacom Cintiq 22"  
Featured artist: Shan Jiang

#### Make it directly on screen

Wacom Cintiq combines pen and display for a seamless experience that feels totally natural. Wacom Pro Pen 2 features 8192 levels of pressure sensitivity and a low activation force, so it recognizes even the lightest pen strokes. It offers high precision and control, reacting to the tilt of your hand and responding to each movement, immediately.

#### A pen that lets you go further

Wacom Pro Pen 2 looks and feels like a regular pen so you don't need to learn any new techniques before you start to bring your ideas to life.

- Wacom Pro Pen 2 offers precision and control – with 8192 levels of pressure sensitivity, low activation force and tilt recognition.
- Never need to charge the pen – EMR (Electro Magnetic Resonance) technology draws power from your Wacom Cintiq.
- Comfortable in your hand – weight-balanced, rubber grip and easy reach of the side buttons.
- Get easy access to your favorite software's shortcuts – with the pen's programmable side buttons.

#### A display that's built for creativity

Wacom Pro Pen 2 and Cintiq's slimline displays work together to make your creative session comfortable and productive.

- Avoid distracting reflections as you work – thanks to an anti-glare film.

- See your cursor appear exactly where you would expect with reduced parallax.
- Rely on Wacom Cintiq project after project – thanks to durable, scratch resistant materials.
- Get into the perfect position – Wacom Cintiq 16 features a pair of foldable legs so you can quickly adjust how you want to create. An optional stand gives you even more flexible and ergonomic positions.
- Wacom Cintiq 22 comes with a stand that easily adjusts to your preferred working position, so you can work in complete comfort.
- See every detail of your work – the 1920 x 1080 full HD display gives you all the clarity you need.
- Customize how you work even further – Wacom Cintiq is compatible with the full range of accessory pens in the Wacom range.

#### One shape, two sizes

This industry-leading pen display was designed to meet the needs of aspiring creatives who want to take it to the next level.

- Cintiq 16 is perfect for those on the move while Cintiq 22 offers more space for long-strokes and sweeping styles.
- Looking for a bigger canvas or need a more compact display? Wacom Cintiq's advanced performance and intuitive tools will help you go further than ever on your creative journey.



Live. Dare. Create.



Model	Wacom Cintiq 16	Wacom Cintiq 22
Model Number	DTK1660	DTK2260
Display Size / Resolution	15.6 in (39.6 cm) / Full HD 1920 x 1080	21.5 in (54.6 cm) / Full HD 1920 x 1080
Active Area	13.6 x 7.6 in (344 x 194 mm)	18.7 x 10.5 in (476 x 268 mm)
Size	16.6 x 11.2 x 1 in (422 x 285 x 24.5 mm)	22.4 x 14.1 x 1.6 in (570 x 359 x 40 mm)
Weight	4.19 lbs (1.9 kg) without optional stand	12.35 lbs (5.6 kg) without stand
Viewing Angle	176/176 (typ)	178/178 (typ)
Power Consumption	Power ON mode (MAX): 27 W Power sleep mode: 0.5 W or less (non-connection USB cable) Power OFF mode: 0.5 W or lower	Power ON mode (MAX): 48 W Power sleep mode: 0.5 W or less (non-connection USB cable) Power OFF mode: 0.5 W or lower
Connectivity	3-in-1 cable (with HDMI 1.4, USB 2.0 and AC adapter)	HDMI, USB 2.0, AC adapter
Stand	Integrated foldable legs for 19° angle; optional Adjustable Stand for 19-68° angle	Adjustable Stand (included) for 16-82° angle
Ergonomics	Right or left-handed use; integrated foldable legs; optional Adjustable Stand; Wacom Pro Pen 2 with comfortable, ergonomic grip	Right or left-handed use; Adjustable Stand included; Wacom Pro Pen 2 with comfortable, ergonomic grip
What's Included	Wacom Cintiq 16 pen display, Wacom Pro Pen 2, detachable pen holder with 3 replacement nibs (standard) and nib removal tool, 3-in-1 cable (1.8 m), AC adapter (12 V, 3 A, 36 W), power cable (1.8 m), Quick Start Guide, warranty card, regulation sheet	Wacom Cintiq 22 pen display, Adjustable Stand, Wacom Pro Pen 2, detachable pen holder with 3 replacement nibs (standard) and nib removal tool, HDMI cable (2 m), USB 2.0 cable (2 m), AC adapter (60 W), power cable (1.8 m), Quick Start Guide, regulation sheet
Additional Accessories	ExpressKey™ Remote, Adjustable Stand, Wacom Soft Case L, Wireless Bluetooth® Keyboard, Wacom Pro Pen 2, Wacom Pro Pen 3D, Wacom Pro Pen Slim, replacement nibs, prior generation pens (Pro, Classic, Art, Airbrush, Grip)	ExpressKey™ Remote, Adjustable Stand, Wireless Bluetooth® Keyboard, Wacom Pro Pen 2, Wacom Pro Pen 3D, Wacom Pro Pen Slim, replacement nibs, prior generation pens (Pro, Classic, Art, Airbrush, Grip)
Pen	Battery-free Pro Pen 2 with 2 customizable side switches and 8192 pressure levels in both pen tip and eraser (patented electromagnetic resonance technology)	
Color Performance	72% NTSC (CIE1931) typical	
Contrast Ratio	1000:1 (typ)	
Response Rate	25 ms	
Aspect Ratio / Brightness	16:9 / 210 cd/m² (typ)	
Color Temperature / Custom Color	9300K, 6500K, 5000K, Custom RGB	
Pen Tilt Recognition / Range	±60 levels / 60 degrees	
ExpressKey™ Remote (optional)	17 customizable, application-specific ExpressKeys, Touch Ring, Rocker Ring/Home Button, Precision Mode, Display Toggle, Radial Menu, and dedicated pan, scroll, zoom, brush size	
Productivity Boosters	Time-saving on screen settings; ExpressKeys, Touch Ring on optional ExpressKey Remote	
Compatibility / System Requirements	Windows® 7 or later (latest service pack/build), Mac OS® X 10.12 or later (latest update); Internet access for driver download	
Limited Warranty	1 year in USA, Canada, and Latin America	

Specifications are subject to change. Specification numbers like display size, active area and weight are approximate.

GRUPO	1	
ITEM	4	
CANTIDAD	20	
MARCA	Apple	
REFERENCIA	Magic Keyboard with Touch ID for Mac models with Apple silicon - Spanish (Latin American)	Magic Mouse - White Multi-Touch Surface
NUMERO DE PARTE	MXCK3LA/A	MXK53AM/A
DIMENSIONES	Alto: 0,41 a 1,09 cm	Alto: 2,16 cm
	Ancho: 27,89 cm	Ancho: 5,71 cm
	Profundidad: 11,49 cm	Profundidad: 11,35 cm
	Peso: 243 g*	Peso: 99 g**
GENERAL	Teclas Multimedia	Multi-Touch
CONEXIONES Y EXPANSION	Bluetooth	Bluetooth
	Puerto USB-C	Puerto USB-C
	Conexión inalámbrica	Conexión inalámbrica
	Magic Keyboard con Touch ID	Magic Mouse
CAJA	Cable de carga USB-C	Cable de carga USB-C
GARANTIA	Limitada (1) Año.	Limitada (1) Año.

GRUPO	1
ITEM	5
CANTIDAD	20
NOTA	Se adjunta archivo
GARANTIA	2 Años

GRUPO	1
ITEM	6
CANTIDAD	19
MARCA	XKIM
REFERENCIA	Morral Multifuncional Maleta Sport Acolchonable
NUMERO DE PARTE	MB-70W
MATERIAL	Tela
COLOR	Negro - Gris
FACILIDADES	Correa para hombros ajustable, 3 bolsillos para accesorios de gran tamaño, Compartimiento reforzado para su laptop, Interior acolchonado para mayor protección, Capacidad dispositivo: 14 ~ 15.6 pulgadas. Peso máximo soportado: 10Kg
GARANTIA	1 Año

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## Dual HDMI 4K Docking Station with 100W Power Delivery Pass-Thru

Station d'accueil double HDMI  
4K avec alimentation 100 W  
Pass-Thru

3 Year Limited Warranty: We pride ourselves on the quality of our products. For complete warranty details and a list of our worldwide offices, please visit [www.targus.com](http://www.targus.com). Targus product warranty does not cover any device or product that is not manufactured by Targus (including, but not limited to, laptops, smartphones, devices, or any other product that may be used in connection with the Targus product). Australian customers: For complete warranty details see warranty statement enclosed.

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Garantie limitée de 3 ans : La qualité de nos produits fait notre fierté. Pour plus de renseignements sur la garantie complète et une liste de nos bureaux à travers le monde, veuillez consulter [www.targus.com](http://www.targus.com). La garantie sur les produits Targus ne couvre pas les appareils ni les produits qui ne sont pas fabriqués par Targus (y compris, sans toutefois y être limité, les ordinateurs portables, les téléphones portables, et autres dispositifs et produits qui peuvent être utilisés en conjonction avec un produit Targus). Clients de l'Australie : Pour consulter tous les détails de la garantie, consultez l'énoncé de garantie ci-joint.

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## User Guide Guide de l'utilisateur



Product name: Portable USB-C Dock with Dual 4K HDMI /  
RJ45/GbE/SD Reader PD Pass Thru  
Model no. : DOCK423  
Sku no. : DOCK423TT

## Introduction

Thank you for your purchase of the Targus Dual HDMI 4K Docking Station with 100W Power Delivery Pass-Thru.

## Contents

- DOCK423
- User Guide

## System Requirements

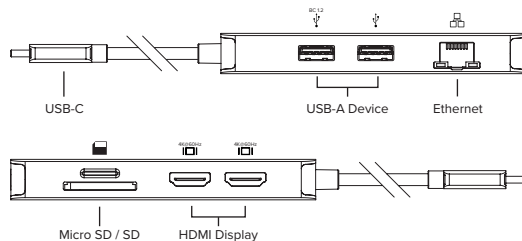
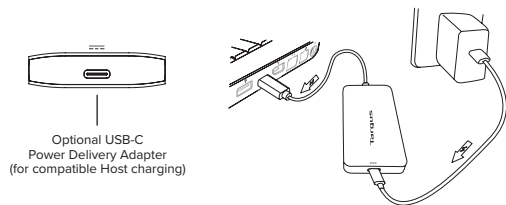
### Hardware

- USB-C Alternate Mode Host (Including Thunderbolt)

### Operating System

- Windows 10
- macOS and iPad Pro
- Chrome OS
- Android
- Linux

## Connect the Upstream Facing USB-C plug to a USB-C Alternate Mode compatible Host receptacle



## Features

- **USB-C Alternate Mode Upstream Facing Host Plug**
  - Supports USB-C Power Delivery Pass-Thru up to 100W Upstream\*
  - Supports Power Delivery 3.0 Fast Role Swap
- **One USB 3.2 Gen 1 SuperSpeed 5Gbps Downstream Facing Type-C Receptacle**
  - Supports USB-C Power Delivery Pass Through
- **Two USB 3.2 Gen 1 SuperSpeed 5Gbps Downstream Facing Type-A Receptacles**
  - One Supports BC1.2 up to 1.5A charging when USB-C Power Pass Through Port and laptop are connected
- **One Gigabit Ethernet Port**
  - One Full Size RJ45 supporting 10/100/1000Mbps Ethernet
- **Two HDMI Ports**
  - Supports HDMI resolutions up to 4K@60Hz
  - Supports dual HDMI output MST in Windows & ChromeOS
  - Supports dual HDMI output by SST macOS (Mirror)
- **One SD Card Slot**
  - Supports Secure Digital v3.0 UHS-I (Ultra High Speed)
- **One Micro SD Card Slot**
  - Supports Secure Digital v3.0 UHS-I (Ultra High Speed)

\*USB-C PD power adapter is not included

## Technical Support

For technical questions, please visit:

<b>US</b>	Internet: <a href="http://targus.com/us/support">http://targus.com/us/support</a> Support Number: 800.283.6325
<b>Canada</b>	Internet: <a href="http://www.targus.com/ca/support">http://www.targus.com/ca/support</a>
<b>Australia</b>	Internet: <a href="http://www.targus.com/au/support">http://www.targus.com/au/support</a> Email: <a href="mailto:infoaust@targus.com">infoaust@targus.com</a> , Telephone: 1800-641-645
<b>New Zealand</b>	Telephone: 0800-633-222
<b>Latin America</b>	Email: <a href="mailto:soporte@targus.com">soporte@targus.com</a>

## Product Registration

Targus recommends that you register your Targus accessory shortly after purchasing it. Go to: [http://targus.com/us/product\\_registration](http://targus.com/us/product_registration)

You will need to provide your full name, email address, country of residence and product information.

## Regulatory Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

## Three Year Warranty

We pride ourselves on the quality of our products. For complete warranty details and a list of our worldwide offices, please visit [www.targus.com](http://www.targus.com). Targus product warranty does not cover any device or product that is not manufactured by Targus (including, but not limited to, laptops, smartphones, devices, or any other product that may be used in connection with the Targus product). Australian customers: For complete warranty details see warranty statement enclosed.

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## FCC Statement Tested to Comply

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: This device may not cause harmful interference, and

This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



## Australian and New Zealand consumers only

Thank you for your purchase. Targus warrants to the original purchaser that its products are free from defects in materials and workmanship, during the specified warranty period, and lasts as long as the original purchaser owns the product. The warranty period is stated on the packaging or in the documentation provided with this Targus product. Targus' Limited Product Warranty excludes damage caused by accident, neglect, abuse, misuse, improper care, normal wear and tear, ownership transfer, or alteration. The limited warranty also excludes any product that is not manufactured by Targus (including, without limitation, laptops, smartphones, devices, tablets, or any other non-Targus item) that is used in connection with the Targus product.

In the event that the Targus product has a defect in materials or workmanship Targus will, after receiving a warranty claim and inspecting the product, at its discretion, do one of the following: repair, replace, or refund with the same or a similar product (or part) of no lesser quality and ship it to the original purchaser at Targus' expense. As part of this inspection, proof of purchase will be required. There is no charge for inspection. To make a warranty claim, please contact Targus Australia or New Zealand (see details below), or return the product to the place of purchase. The original purchaser must bear the cost of the delivery to Targus.

Under Australian and/or New Zealand Consumer Laws, in addition to any warranty Targus gives, our products come with guarantees that cannot be excluded. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are entitled to have the products repaired or replaced if they fail to be of acceptable quality and the failure does not amount to a major failure.

For any warranty question, contact Targus Australia Pty. Ltd. (i) by mail at Suite 2, Level 8, 5 Rider Boulevard, Rhodes NSW 2138, by phone AUS 1800 641 645 or NZ 0800 633 222 or by Email: infoaust@targus.com. For additional information, check out our website at targus.com/au/warranty.

## Declaration of Conformity

Hereby, Targus declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2011/65/EU.

**Targus**

### Supplier's Declaration of Conformity

Per FCC Part 2 Section 2.1077(a)



Manufacturer/	Targus International LLC	Tel:	1-714-765-5555
Responsible Party:			
Address:	1211 North Miller Street,	Fax:	1-714-765-5599
	Anaheim, CA 92806 USA	Internet:	www.targus.com

Hereby declares that the Product

**Trade name:** Targus

**Product name:** USB-C 4K Dual HDMI Adapter

**Model number:** ACA947

Conforms to the following specifications

**FCC CFR Title 47 Part 15 Subpart B and ANSI C63.4-2014 standard limits**  
Test results & results are referred to the test report Number: (WTX19X07048189E)

#### Supplementary Information:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Director, Targus International LLC  
Function Title

CF Ngh  
Name

01/Aug/2019  
Date

Signed for and on behalf of Targus



## FICHAS TÉCNICAS

### GRUPO 2.

GRUPO	2
ITEM	1
CANTIDAD	6
NOTA	Se adjunta archivo

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Configuration Summary		11-Dec-24	Lenovo
Summary			
Line NO.	1		
CTO	21KYCT01WW		
Country/Region	CO		
Product Name	Notebook ThinkPad P16v Gen 2 21KYCT01WW		
Product Configuration Details			
Characteristics		VALUES	
Country/Region	Colombia		
Preload Type	Standard Image (Preload)		
Preload OS	Windows 11 Pro 64		
vPro Certified Model	vPro Enterprise		
Processor	Intel® Core™ Ultra 9 185H vPro® Processor (E-cores up to 3.80 GHz P-cores up to 5.10 GHz)		
Security Chip Setting	Enabled Discrete TPM2.0		
Color	Black		
Display	16" WUXGA (1920 x 1200), IPS, Anti-Glare, Non-Touch, 45%NTSC, 300 nits, 60Hz		
Graphics	NVIDIA RTX™ 3000 Ada Generation Laptop GPU 8GB GDDR6		
Camera	5MP RGB+IR with Dual Microphone		
Fingerprint Reader	Fingerprint Reader		
DIMM Memory	16 GB DDR5-5600MHz (SODIMM)		
RAID Config	No		
RAID	No		
HDD Config	SSD		
Storage Selection	512 GB SSD M.2 2280 PCIe Gen4 TLC Opal		
HDD Total Capacity	512 GB		
Wireless LAN	Intel® Wi-Fi 6E AX211 2x2 AX vPro® & Bluetooth® 5.1 (Windows 10) or Bluetooth® 5.3 (Windows 11)		
Battery	4 Cell Li-Polymer 90Wh		
Power Adapter	170W Slim 30% PCC 3pin AC Adapter - US		
Keyboard	Backlit, Black with Number Pad - Spanish (LA)		
Publication	Publication - Bulgarian/Brazil Portuguese/Spanish		
OS DPK	W11 Pro High End		
Preload Language	Windows 11 Pro 64 Spanish		
System Unit	P16v2 ULT9 185H VP 3000+211 PL		
Display Shell	16" WUXGA (1920 x 1200), IPS, Anti-Glare, Non-Touch, 45%NTSC, 300 nits, 60Hz, 5MP RGB+IR with Dual I		
Pointing Device	Trackpad, Fingerprint, No NFC, No WWAN		
Package Box Type	Single Standard Packaging		
Absolute BIOS Selecti	BIOS Absolute Enabled		
Ethernet	Wired Ethernet		
Warranty	1 Year Courier or Carry-in		
Services			
Part Number		Description	
5WS1H31711		3Y Onsite upgrade from 1Y Courier/Carry-in	

OVERVIEW



1. Nano-SIM card slot *	7. SD Express 7.0 card reader
2. Headphone / microphone combo jack (3.5mm)	8. Smart card reader *
3. Thunderbolt 4	9. Ethernet (GbE RJ-45)
4. USB-A (USB 5Gbps), Always On	10. Thunderbolt 4
5. Kensington Nano Security Slot	11. Power connector
6. HDMI	

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

PERFORMANCE

Processor

Processor Family

Intel® H Series Core Ultra 7 / 9 Processor; supports up to 16 cores; up to 5.1GHz; TDP ratings of up to 45W

Processor\*\*<sup>[1]</sup>

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
Core Ultra 7 155H	16 (6 P-core + 8 E-core + 2 LPE-core)	22	P-core 1.4GHz / E-core 900MHz / LPE-core 700MHz	P-core 4.8GHz / E-core 3.8GHz / LPE-core 2.5GHz	24MB	Intel® Arc™ Graphics	Intel® AI Boost
Core Ultra 7 165H	16 (6 P-core + 8 E-core + 2 LPE-core)	22	P-core 1.4GHz / E-core 900MHz / LPE-core 700MHz	P-core 5.0GHz / E-core 3.8GHz / LPE-core 2.5GHz	24MB	Intel® Arc™ Graphics	Intel® AI Boost
Core Ultra 9 185H	16 (6 P-core + 8 E-core + 2 LPE-core)	22	P-core 2.3GHz / E-core 1.8GHz / LPE-core 1GHz	P-core 5.1GHz / E-core 3.8GHz / LPE-core 2.5GHz	24MB	Intel® Arc™ Graphics	Intel® AI Boost

Notes:

<sup>[1]</sup> Intel® Arc™ graphics only available on select H-series Intel® Core™ Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel® Graphics.

AI (Artificial Intelligence)

NPU

Integrated Intel® AI Boost, up to 11 TOPS

Operating System

Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 DG Windows® 10 Pro 64
- Ubuntu Linux LTS
- Red Hat Enterprise Linux 9.2 (certified only, for detailed and latest information, please visit [Red Hat Certified Hardware](#))<sup>[1]</sup>
- No preload operating system

Notes:

<sup>[1]</sup> Red Hat Enterprise Linux 9.2 certification will be available after June 28th, 2024.

Graphics

Graphics

Graphics	Type	Memory	TGP	Key Features
Intel® Arc™ Graphics <sup>[1]</sup>	Integrated	Shared	Share CPU TDP	DirectX® 12.2
Intel® Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12.1
NVIDIA® RTX 500 Ada Generation Laptop GPU	Discrete	4GB GDDR6	35W	DirectX® 12 Ultimate, Vulkan Support, NVIDIA® FXAA / TXAA Anti-Aliasing, NVIDIA® RTX Desktop Manager
NVIDIA® RTX 1000 Ada Generation Laptop GPU	Discrete	6GB GDDR6	35W	DirectX® 12 Ultimate, Vulkan Support, NVIDIA® FXAA / TXAA Anti-Aliasing, NVIDIA® RTX Desktop Manager
NVIDIA® RTX 2000 Ada Generation Laptop GPU	Discrete	8GB GDDR6	35W	DirectX® 12 Ultimate, Vulkan Support, NVIDIA® FXAA / TXAA Anti-Aliasing, NVIDIA® RTX Desktop Manager
NVIDIA® RTX 3000 Ada Generation Laptop GPU	Discrete	8GB GDDR6	35W	DirectX® 12 Ultimate, Vulkan Support, NVIDIA® FXAA / TXAA Anti-Aliasing, NVIDIA® RTX Desktop Manager

Notes:

[1] Intel® Arc™ Graphics only available on select H-series Intel® Core™ Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel® Graphics.

Monitor Support

Monitor Support

Supports up to 4 independent displays (native display and 3 external monitors via Thunderbolt™ 4 and HDMI®).  
Max resolution for multiple external display:

- 3x 3840x2160@60Hz (Thunderbolt™ 4 and HDMI®)

Max resolution for single external display:

- Thunderbolt™ 4 supports up to 7680x4320@60Hz
- HDMI® supports up to 7680x4320@60Hz

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory

Up to 96GB (2x 48GB DDR5 SO-DIMM)

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Memory Type

DDR5-5600 non-ECC, maximum transfer speeds of up to 5600 MT/s

Storage

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

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 4TB, 2TB each

Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

Storage Type\*\*

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

RAID

RAID 0/1 support

Notes:

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

Removable Storage

Card Reader

SD Express 7.0 card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby Audio™ Premium

Microphone

- Dual-microphone array, far-field, Dolby Voice®
- No microphone

Camera\*\*

- 5.0MP + IR with privacy shutter and Ultrasonic Human Presence Detection, fixed focus, temporal noise reduction
- FHD 1080p with privacy shutter, fixed focus, temporal noise reduction
- No camera

Battery

Battery

Integrated Li-Polymer 90Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Power Adapter

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

- 135W slim tip (3-pin) AC adapter, 100-240V, 50-60Hz
- 170W slim tip (3-pin) AC adapter, 100-240V, 50-60Hz
- No power adapter<sup>[2]</sup>

Notes:

<sup>[1]</sup> AC adapter offerings depend on the country.

<sup>[2]</sup> No power adapter is for special bid only.

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
16"	WUXGA (1920x1200)	None	IPS	300nits	Anti-glare	16:10	800:1	45% NTSC	60Hz	85° / 85° / 85° / 85°	83.9% screen to body ratio, DC dimming
16"	WUXGA (1920x1200)	On-cell touch	IPS	300nits	Anti-glare	16:10	1000:1	45% NTSC	60Hz	85° / 85° / 85° / 85°	83.9% screen to body ratio, Eyesafe® Certified 2.0, TÜV Low Blue Light, DC dimming
16"	WUXGA (1920x1200)	None	IPS	400nits	Anti-glare	16:10	1200:1	100% sRGB	60Hz	89° / 89° / 89° / 89°	83.9% screen to body ratio, TÜV Low Blue Light, DC dimming
16"	WQUXGA (3840x2400)	None	IPS	800nits	Anti-glare	16:10	1500:1	100% DCI-P3	60Hz	85° / 85° / 85° / 85°	83.9% screen to body ratio, DisplayHDR™ 400, Dolby Vision®, Eyesafe® Certified 2.0, TÜV Low Blue Light, X-Rite® Factory Color Calibration, DC dimming

Color Calibration

- X-Rite® factory color calibration (WQUXGA display)
- No color calibration

Touchscreen

- On-cell multi-touch, supports 10-point touch (selected FHD display)
- Non-touch

## Input Device

### Pen

No support

### Keyboard

6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad

### Keyboard Backlight

LED backlight

### UltraNav™

3-button TrackPoint® pointing device and Mylar® surface multi-touch Trackpad, 67.6 x 115 mm (2.66 x 4.53 inches)

## Mechanical

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

365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)

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

Starting at 2.22 kg (4.90 lbs)

### Case Color

Black

### Case Material

PC-ABS (top), PC-ABS (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

#### Ethernet\*\*

- Gigabit Ethernet, Intel® Ethernet Connection I219-LM (vPro® models), 1x RJ-45, supports Wake-on-LAN
- Gigabit Ethernet, Intel® Ethernet Connection I219-V (non-vPro® models), 1x RJ-45, supports Wake-on-LAN

#### WLAN + Bluetooth®

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3<sup>[1]</sup>

#### WWAN\*\*

- Wireless WAN upgradable to 4G or 5G (with antenna ready)
- Quectel EM160R-GL, 4G LTE CAT16, M.2 card, with embedded eSIM functionality
- Quectel RM520N-GL, 5G Sub-6 GHz, M.2 Card, with embedded eSIM functionality<sup>[2]</sup>
- No support

#### SIM Card

No physical SIM card inbox

#### NFC

- Near Field Communication
- No support

Notes:

[1] Wi-Fi® 6E full features might be limited by country-level restrictions.

Wi-Fi® 6E is only enabled on Windows® 11 and operates as Wi-Fi® 6 with Windows® 10.

6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.

Bluetooth® 5.3 operation requires Windows® 11. For more information please visit [General Bluetooth® Support Information on Microsoft®](#).

[2] Quectel RM520N-GL is only available in EMEA and ANZ.



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

### Standard Ports

- 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<sup>[2]</sup>
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x SD Express 7.0 card reader
- 1x Security keyhole

### 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.

[2] Power Delivery only supports power-out for charging peripherals.

## Docking

### Docking

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

For more compatible docking solutions, please visit

[Docking for ThinkPad® P16v Gen 2](#)

## SECURITY & PRIVACY

## Security

### Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

### Smart Card Reader

Smart card reader

### Fingerprint Reader

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

### BIOS Security

- Supervisor password
- Power-on password
- NVMe® password
- Self-healing BIOS

### Other Security

- Camera privacy shutter (camera models)
- (Optional) IR camera for Windows® Hello (facial recognition)
- (Optional) Ultrasonic Human Presence Detection for IR camera

## MANAGEABILITY

## System Management

### System Management

- Intel® vPro® Enterprise
- Non-vPro®

## 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

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories\*\*\*

- Lenovo® HDMI® to VGA Monitor Adapter
- Lenovo® USB-C® to DisplayPort™ Adapter
- Lenovo® USB-C® to VGA Adapter

## 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 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>

85% PCC recycled plastic used in key caps  
90% PCC recycled plastic used in speaker enclosure  
90% PCC recycled plastic used in the battery  
30% PCC recycled plastic used in SIM tray  
30% PCC recycled plastic used in 135W and 170W adapters  
Plastic free packaging with 90% recycled and/or FSC certified content (retail / standard / bluk packaging)

Notes:

[1] PCC: Post Consumer Content, recycled materials from customers.  
FSC: Forest Stewardship Council.

## CERTIFICATIONS

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

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

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered<sup>[3]</sup>
- RoHS compliant

- TCO Certified 9.0

#### 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

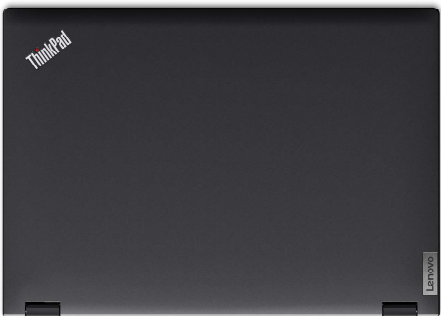
- (Optional) Eyesafe® Certified 2.0
- (Optional) TÜV Rheinland® Low Blue Light

## ISV Certifications

### ISV Certifications

Please visit [ISV certifications for Lenovo® Workstations](#)

- 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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GRUPO	2
ITEM	2
CANTIDAD	43
NOTA	Se adjunta archivo

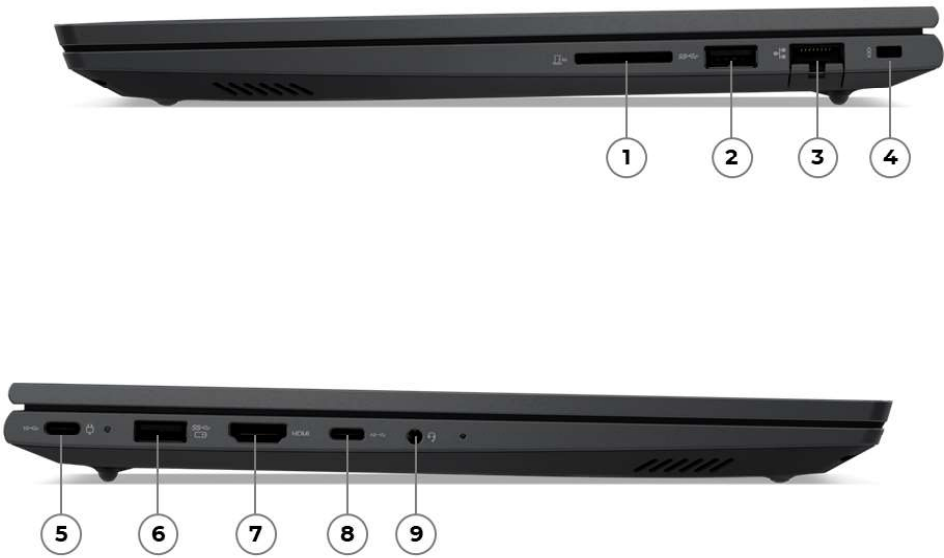
TEAM IT S.A.S.

**Envigado:** Calle 49 Sur # 45 A-300 Centro Empresarial S48 Tower Oficina 1607  
**Barranquilla:** Carrera 55 #100-51 Centro Comercial y Empresarial Blue Gardens Oficina 604  
Teléfonos: 6046051070 - 6053319727 - WhatsApp +573164538111  
<http://www.teamit.com.co>



Configuration Summary		11-Dec-24	
Summary			
Line NO.	3		
CTO	21KMCTO1WW		
Country/Region	CO		
Product Name	Notebook Lenovo K14 Gen 3 Intel 21KMCTO1		
Product Configuration Details			
Characteristics		VALUES	
Country/Region	Colombia		
Marketing Name	Lenovo K14 Gen 3		
Preload Type	Standard Image (Preload)		
Preload OS	Windows 11 Pro 64		
vPro Certified Model	Non vPro		
Processor	Intel® Core™ Ultra 7 165U Processor (E-cores up to 3.80 GHz P-cores up to 4.90 GHz)		
Security Chip Setting	Enabled Discrete TPM2.0		
Color	Onyx Grey		
Display	14" WUXGA (1920 x 1200), IPS, Anti-Glare, Non-Touch, 45%NTSC, 300 nits, 60Hz		
Graphics	Integrated Graphics		
Camera	1080P FHD RGB with Microphone		
DIMM Memory	16 GB DDR5-5600MHz (SODIMM)		
Storage Selection	512 GB SSD M.2 2242 PCIe TLC		
Wireless LAN	Intel® Wi-Fi 6 AX203 2x2 AX & Bluetooth® 5.1 or above		
Battery	3 Cell Li-Polymer 45Wh		
Power Adapter	65W USB-C Wall Mount Slim 90% PCC 2pin AC Adapter - US		
Keyboard	Black - Spanish (LA)		
Publication	Publication - Bulgarian/Brazil Portuguese/Spanish		
OS DPK	W11 Pro		
Preload Language	Windows 11 Pro 64 Spanish		
System Unit	K14G3_ULT7_165U_IG		
Display Shell	14" WUXGA (1920 x 1200), IPS, Anti-Glare, Non-Touch, 45%NTSC, 300 nits, 60Hz, 1080P FHD RGB with Mi		
Package Box Type	Standard Packaging		
Absolute BIOS Selecti	BIOS Absolute Enabled		
Warranty	1 Year Courier or Carry-in		
Services			
Part Number		Description	
5WS0A23681		3Y Onsite upgrade from 1Y Courier/Carry-in	

OVERVIEW



1. SD card reader	6. USB-A (USB 5Gbps), Always On
2. USB-A (USB 5Gbps)	7. HDMI
3. Ethernet (RJ-45)	8. USB-C (USB 10Gbps), with PD 3.1 & DP 2.1
4. Kensington Nano Security Slot	9. Headphone / microphone combo jack (3.5mm)
5. USB-C (USB 10Gbps), with PD 3.1 & DP 1.4	



PERFORMANCE

Processor

Processor Family

Intel® U Series Core Ultra 5 / 7 Processor (Series 1)

Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics	NPU
Core Ultra 5 125U	12 (2 P-core + 8 E-core + 2 LPE-core)	14	P-core 1.3GHz / E-core 800MHz / LPE-core 700MHz	P-core 4.3GHz / E-core 3.6GHz / LPE-core 2.1GHz	12MB	Intel® Graphics	Intel® AI Boost
Core Ultra 5 135U	12 (2 P-core + 8 E-core + 2 LPE-core)	14	P-core 1.6GHz / E-core 1.1GHz / LPE-core 700MHz	P-core 4.4GHz / E-core 3.6GHz / LPE-core 2.1GHz	12MB	Intel® Graphics	Intel® AI Boost
Core Ultra 7 155U	12 (2 P-core + 8 E-core + 2 LPE-core)	14	P-core 1.7GHz / E-core 1.2GHz / LPE-core 700MHz	P-core 4.8GHz / E-core 3.8GHz / LPE-core 2.1GHz	12MB	Intel® Graphics	Intel® AI Boost
Core Ultra 7 165U	12 (2 P-core + 8 E-core + 2 LPE-core)	14	P-core 1.7GHz / E-core 1.2GHz / LPE-core 700MHz	P-core 4.9GHz / E-core 3.8GHz / LPE-core 2.1GHz	12MB	Intel® Graphics	Intel® AI Boost

AI (Artificial Intelligence)

AI PC Category

AI PC

NPU

Integrated Intel® AI Boost, up to 11 TOPS

Operating System

Operating System\*\*

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- No preload operating system

Graphics

Graphics

Graphics	Type	Memory	TGP	Key Features
Intel® Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12.1

Monitor Support

Monitor Support

Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and USB-C®)

- HDMI® supports up to 4K@60Hz
- USB-C® supports up to 5K@60Hz

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory<sup>[1]</sup>

Up to 64GB DDR5-5600

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Memory Type

DDR5-5600

Notes:

[1] Maximum memory is only to test technical readiness of notebook. Available memory to sell would vary.

Storage

Storage Support<sup>[1][2]</sup>

Up to two drives, 2x M.2 SSD  
• M.2 2280 SSD up to 2TB

Storage Slot

Two M.2 2280 PCIe® 4.0 x4 slots

Storage Type

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

Notes:

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

[2] The system supports dual SSD via two M.2 slots, but Lenovo® only offers one SSD configuration and another SSD slot for user self-extension.

Removable Storage

Card Reader

SD card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby Audio™

Microphone

Dual-microphone array with smart noise-cancelling

Camera\*\*

- FHD 1080p + IR hybrid, with privacy shutter, fixed focus
- FHD 1080p, with privacy shutter, fixed focus
- HD 720p, with privacy shutter, fixed focus

Battery

Battery\*\*

- Integrated Li-Polymer 45Wh battery, supports Rapid Charge Pro (charge up to 50% in 30min)<sup>[1]</sup>
- Integrated Li-Polymer 60Wh battery, supports Rapid Charge (charge up to 80% in 1hr)<sup>[2]</sup>

Max Battery Life<sup>[3]</sup>

- Models with 45Wh battery:  
MobileMark® 25: 6.85 hr  
Local video (1080p) playback@150nits: 13.6 hr
- Models with 60Wh battery:  
MobileMark® 25: 10.06 hr  
Local video (1080p) playback@150nits: 17.0 hr

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] All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark® 2018, MobileMark® 25, MobileMark® 30, JEITA 2.0, JEITA 3.0, continuous 1080p video playback (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 and usage, software use, wireless functionality, power

management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

Power Adapter

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

- 65W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C® slim (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:

<sup>[1]</sup> AC adapter offerings depend on the country.

Special Features

Special Features

Modern Standby

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)	None	IPS <sup>[1]</sup>	300nits	Anti-glare	16:10	1000:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Software)
14"	WUXGA (1920x1200)	Multi-touch	IPS <sup>[2]</sup>	300nits	Anti-glare	16:10	1000:1	45% NTSC	60Hz	89° / 89° / 89° / 89°	TÜV Low Blue Light (Software)

Touchscreen

- Add-on Film Touch, supports 10-point touch
- Non-touch

Notes:

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

Input Device

Pen

No support

Keyboard

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

Keyboard Backlight

- LED backlight
- Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)

Mechanical

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

313.5 x 224 x 18.9 mm (12.34 x 8.82 x 0.74 inches)

Weight<sup>[2]</sup>

Starting at 1.38 kg (3.04 lbs)

Case Color

Onyx grey

Surface Treatment

Painting (top), texture (bottom)

#### Case Material

PC-ABS (top), PC-ABS (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

#### Ethernet

Gigabit Ethernet, 1x RJ-45, supports Wake-on-LAN

#### WLAN + Bluetooth®\*\*[1]

- Realtek® Wi-Fi® 6 RTL8852BE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card
- Intel® Wi-Fi® 6 AX203, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.2, M.2 Card
- Realtek® Wi-Fi® 6E RTL8852CE, 802.11ax Dual Band 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 card<sup>[2]</sup>
- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, M.2 Card<sup>[3]</sup>

#### WWAN

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], [3] Wi-Fi® 6E full features might be limited by country-level restrictions.

6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.

### 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
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.1 and DisplayPort™ 1.4
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.1 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x SD card reader

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 USB-C®.

For more compatible docking solutions, please visit [Docking for Lenovo® K14 Gen 3](#)

## SECURITY & PRIVACY

### Security

#### Security Chip

Discrete TPM 2.0, TCG certified

#### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

**Fingerprint Reader**

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

**BIOS Security**

- Supervisor password
- Power-on password
- Hard disk password
- Self-healing BIOS

**Other Security**

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

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
- No base warranty

ACCESSORIES

Bundled Accessories

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

None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for Lenovo® K14 Gen 3](#).

OPERATING REQUIREMENTS

Operating Environment

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

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

**Relative Humidity**

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 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**

25% PCC recycled plastic used in the battery pack enclosure  
50% PCC recycled plastic used in key caps  
30% PCC recycled plastic used in speaker  
90% PCC recycled plastic used in standard 65W adapter  
FSC certified content in carton box

## CERTIFICATIONS

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

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

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered<sup>[3]</sup>
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 9.0

#### 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

TÜV Rheinland® Low Blue Light (Software Solution)

- 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.
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GRUPO	2
ITEM	3
CANTIDAD	66
NOTA	Se adjunta archivo

TEAM IT S.A.S.

**Envigado:** Calle 49 Sur # 45 A-300 Centro Empresarial S48 Tower Oficina 1607  
**Barranquilla:** Carrera 55 #100-51 Centro Comercial y Empresarial Blue Gardens Oficina 604  
Teléfonos: 6046051070 - 6053319727 - WhatsApp +573164538111  
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## BLUETOOTH® OFFICE HEADSETS

### BENEFITS

- Walk-and-talk with ease with up to 50 meters/164 feet of Bluetooth wireless range (with included BT700 USB adapter)
- One headset, choose your device—PC/Mac and mobile phone connection options with UC versions
- Multiple device connections—desk phone, PC/Mac and mobile phone connection options with Office base (sold separately)
- Extend the battery life of your headset by using it corded, with audio over USB mode
- Stay productive with up to a full 24 hours of wireless talk time

### VOYAGER 4300 UC SERIES

Free your workers from their desks with the perfect entry-level Bluetooth wireless headset. Meet the Voyager 4300 UC Series. It's everything they need to stay productive and connect to all their devices whether at home or in the office. Keep your teams productive with outstanding audio quality, all-day comfort and dual-mic Acoustic Fence technology that eliminates background noise. And it's an IT manager's dream with easy deployment and full remote management – all at an unbeatable price. Phenomenal flexibility, connectivity, and freedom? Yes please!

- Noise-canceling dual-mic with Acoustic Fence technology
- Acoustic hearing protection with SoundGuard DIGITAL
- Designed for portability: use at home and in the office
- Comfortable, adjustable padded headband
- Mono and stereo wearing styles

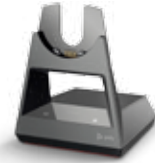
# VOYAGER 4300 UC SERIES



Voyager 4310 UC



Voyager 4320 UC



Voyager Office base  
(available as an accessory,  
sold separately)

## SPECIFICATIONS

### CONNECTS TO

- **Voyager 4300 UC Series:** Connects to PC/Mac via BT700 USB-A or USB-C adapter and a mobile phone via Bluetooth v5.2
- **Voyager 4300 UC Series with Voyager Office base\*:** Connects to a desk phone (via telephone interface cable), computer (via USB-A or USB-C cable) and mobile (via Bluetooth)

### RECOMMENDED FOR

- **Voyager 4300 UC Series:** Professionals who prefer the freedom of hands-free calls all day at home or in the office
- **Voyager 4300 Series with Voyager Office base\*:** Professionals who prefer the freedom of hands-free calls all day at home or in the office that are looking for connection to desk phones

### WIRELESS

- Bluetooth v5.2
- Class 1
- Multipoint connectivity, headset connect to two devices at the same time, remembers up to 8 devices
- Supported Bluetooth profiles
  - A2DP, AVRCP, HSP, HFP
- Range
  - Voyager 4300 UC Series: up to 50 meters/164 feet
  - Voyager 4300 Series with Voyager Office base\*: Up to 91 meters/300 feet

### WIRED

- Connect to PC via included USB-C cable (1.5 meters/4.9 feet) with audio over USB mode

### BATTERY

- Battery Capacity: 350 mAh
- Battery Type: lithium ion
- Talk time:
  - Up to 24 hours (online indicator off)\*\*
  - Up to 18 hours (online indicator on, default setting)
- Listening time: up to 47 hours
- Charge time: 1.6 hours for a full charge
- Fast Charge: up to 10 hours listening time after 15 mins of charge
- Standby time: up to 50 days

### RECEIVE FREQUENCY RESPONSE

- Dynamic EQ optimized for PC wideband voice telephony up to 7 kHz or for multimedia 20 Hz to 20 kHz

### HEARING PROTECTION

- SoundGuard DIGITAL: G616 support limits the level to 102 dB SPL; Time-weighted average prevents average daily noise exposure from exceeding 85 dBA\*\*\*

### MICROPHONE AND TECHNOLOGY

- Flexible noise canceling boom with dual microphone Acoustic Fence technology
- Easy access mute button on microphone boom

### HEADSET CONTROLS AND LIGHTS

- Call answer/end, mute, volume +/-, power ON/OFF/PAIRING
- Online Indicator - Two LED indicators on speaker housing shows in a call status

### HEADSET BASE CONTROLS

- **Voyager 4300 UC Series with Charge stand:** Desk charger only

- **Voyager Office base\*:** Desk phone, Softphone selector button. Microsoft Teams button (Microsoft Teams version only)

### HEADSET WEIGHT

- **Voyager 4310 Over-the-head (monaural):** 122 g / .27 lbs
- **Voyager 4320 Over-the-head (stereo):** 162 g / .35 lbs

### ACCESSORIES (INCLUDED)

- **Voyager 4300 UC Series:** Carry case, BT700 USB adapter and charging cable.  
Charging cable length: 1.5 meters/ 4.9 feet
- **Voyager 4300 UC Series with Charge stand:** Carry case, BT700 USB adapter, charge stand and charging cable.  
Charging cable length: 1.5 meters/ 4.9 feet

### MANAGEABILITY

- **Cloud:** Poly Lens service (some solutions sold separately)
- **Local (Windows/Mac):** Poly Lens Desktop App

### CERTIFICATION

- Microsoft Teams (Teams version only)
- Zoom

### WARRANTY

- 2-year limited warranty included

\*Voyager Office base available as an accessory, sold separately

\*\*Requires setting change via Poly Lens or Plantronics Hub

\*\*\*Requires Poly Lens Desktop App to enable SoundGuard DIGITAL features

## LEARN MORE

For more information on Voyager 4300 Series visit <https://www.poly.com/voyager-4300>

GRUPO	2
ITEM	4
CANTIDAD	47
MARCA	XKIM
REFERENCIA	Morral Multifuncional Maleta Sport Acolchonable
NUMERO DE PARTE	MB-70W
MATERIAL	Tela
COLOR	Negro - Gris
FACILIDADES	Correa para hombros ajustable, 3 bolsillos para accesorios de gran tamaño, Compartimiento reforzado para su laptop, Interior acolchonado para mayor protección, Capacidad dispositivo: 14 ~ 15.6 pulgadas. Peso máximo soportado: 10Kg

GRUPO	2
ITEM	5
CANTIDAD	45
MARCA	SAMSUNG
REFERENCIA	Monitor LED de 24"
NUMERO DE PARTE	LF24T350FHLXZL
RESOLUCIÓN	FHD (1,920 x 1,080)
PUERTOS	(1) Puerto HDMI / (1) Puerto VGA
ACCESORIOS	Cable HDMI
FORMATO	Vesa 100 x 100
TIPO DE PANEL	IPS
LINK	<a href="https://www.samsung.com/co/monitors/flat/t35f-24-inch-ips-fhd-1080p-freesync-lf24t350fhxlzl/?msocid=31b5d9efd6046c080ff3cd12d7906d2f">https://www.samsung.com/co/monitors/flat/t35f-24-inch-ips-fhd-1080p-freesync-lf24t350fhxlzl/?msocid=31b5d9efd6046c080ff3cd12d7906d2f</a>

GRUPO	2
ITEM	6
CANTIDAD	47
MARCA	Lenovo
REFERENCIA	COMBO TECLADO Y MOUSE INALAMBRICO
PN	4X31N50755
SO COMPATIBLE	Independiente del sistema operativo
REQUISITOS DE ENERGIA	KB: 1,5 V AAA*1; MC: 1,5 VAA*1
DURACION DE LA BATERIA	Hasta 15 meses de duración de la batería para el teclado (puede variar según el uso) Hasta 18 meses de duración de la batería del mouse (puede variar según el uso)
COLOR	Negro
SENSOR DE RATON	Sensor óptico
RESOLUCION DEL RATON	1600
DESPLAZAMIENTO	Desplazamiento bidireccional (arriba, abajo)
NUMERO DE BOTON	3 botones (izquierda, derecha, desplazamiento)
VIDA DEL BOTON	3 millones de clics para los botones izquierdo y derecho

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GRUPO	2
ITEM	7
CANTIDAD	66
NOTA	Se adjunta archivo

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## **Base Disipadora de calor tipo Stand con 1-ventilador, 4-Posiciones, 2 puertos USB, color Negro, marca XUE CSV1**

**Manuf P/N:** CF-TT2

**Ventiladores:** 1

**Material:** Malla metálica, Plástico, Caucho.

**Conector:** USB

**SKU:** ACC-BXU-0737



### **Descripción General:**

Con la Base Stand su computadora portátil o tableta se puede usar con una mejor visualización y la escritura también puede ser más cómoda debido a las posiciones ergonómicas que proporciona nuestro soporte.



Con la robusta estructura de ingeniería, la base refrigerante Confort Stand ofrece 5 alturas diferentes para un mejor ángulo de visión de los usuarios de computadoras portátiles.

La superficie de malla metálica con ventilador silencioso incorporado de 14 cm (sin marco del ventilador) proporciona una solución térmica adecuada. El control de velocidad del ventilador ajustable y el interruptor de encendido / apagado se adaptan a diversos entornos de trabajo.

Dos pestañas antideslizantes con fijación ajustable especialmente diseñadas para acomodar desde laptops pequeños hasta de gran tamaño, incluidos los de pantalla panorámica.

Fácil acceso frontal al puerto I/O para todo tipo de computadoras portátiles.

Hub USB para conectar a varios accesorios.

Dos asas laterales para la gestión inteligente de cables.

Clips de cable USB traseros para un fácil almacenamiento del cable

## **Especificaciones**

Color: Negro.

Material: Malla metálica, Plástico, Caucho.

Peso: 1.05kg.

Dimensiones: (Ancho / Largo / Alto) 370x 265 x 33-58 mm.

Grado de operación: 6.5-45 grados.

Velocidad del ventilador: 700-1400 RPM.

Ruido del ventilador: 15 dBA (Min.).

Tipo de rodamiento: Rifle

Vida útil del ventilador: 40,000 horas.

Compatibilidad: Laptops de 9 a 17".

Puerto USB 1.1/2.0 x 2 + Mini USB x 1 (solo para fuente de alimentación).

Longitud del cable: 60 cm.





Paquete Incluye: Base Confort Stand y Cable USB.

Requisitos del sistema: Puerto USB 1.1/2.0/3.0.

Color: Negro

Garantía: 12 meses

Contenido del paquete: Base Disipadora de calor tipo Stand

**Manuf P/N:** CF-TT2

**Ventiladores:** 1

**Material:** Malla metálica, Plástico, Caucho.

**Conector:** USB

GRUPO	2
ITEM	8
CANTIDAD	47
NOTA	Se adjunta archivo

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## **Docking Station XUE® 11-1 USB-C a GIGABIT ETH+VGA+AUDIO 3.5MM+HDMI 4K+PD 100W+3\*USB3.0, 1\*USB 2.0+LECTOR SD/MICRO SD, XUE**

**Manuf P/N:** Model 11-1-USBC

**Longitud cable:** 150 mm

**Tipo:** DOCKING 11 en 1 USB-C 3.0 a GIGABIT+VGA+AUDIO 3.5MM+4K HDMI+VGA+PD+ 3 USB3.0 1 USB 2.0+LECTOR SD

**Conector:** USB-C 3.0

Stock: Con Stock

SKU: CNV-HCX-1171



### **Descripción General:**

La docking station USB-C 11 en 1, cuenta con 3 puertos de extensión USB 3.0, 1 puertos USB 2.0, 1 SD estándar, 1 micro SD, 1 HDMI 4K, 1 VGA, 1 puerto de audio de 3.5 mm, 1 conector hembra tipo C para carga PD y 1 Gigabit Ethernet.

Adaptador USB C con HDMI y VGA. Le permite duplicar y extender su MacBook o PC a un televisor con HDMI en Max 4K (3840x2160 @ 30Hz) y pantalla VGA en Full HD (1920 x 1080 @ 60 Hz). La salida de HDMI y VGA puede ser compatible simultáneamente,



proporcionándole una fiesta visual más grande y clara. (Nota: muestra la misma imagen en ambos cuando usa el puerto HDMI y el puerto VGA simultáneamente).

Super Speed USB 3.0 y ranuras SD / TF. 3 puertos USB 3.0 y 1 puerto USB 2.0 permiten conectar una unidad flash USB, disco duro, teclado, mouse, impresora, etc. Access Max Velocidad de sincronización de datos de 5 Gbps. El lector de tarjetas USB 3.0 expande fácilmente las ranuras SD y TF en su computadora. Las ranuras SD y TF acceden fácilmente a archivos desde tarjetas de memoria SD y Micro SD universales. Admite 2 tarjetas de lectura.

Puerto Ethernet Gigabit RJ-45 y suministro de energía. Conecte el concentrador a un cable Ethernet a través del puerto Ethernet Gigabit RJ-45. Les brinda acceso a velocidades de red súper rápidas, se adapta automáticamente a la transmisión de red de 10/100/1000 Mbps. El puerto Power Delivery carga rápidamente sus dispositivos conectados mientras muestra o transfiere datos, sin preocuparse por el almacenamiento de energía.

Amplia compatibilidad: MacBook Pro 2018/2017/2016, MacBook 2017/2016/2015, iPad Pro 2018, Surface Book 2, Portátiles y PC (compatible con puertos USB-C Displayport).

### **Especificaciones:**

Hub 11 en 1 Type C

HDMI: 1. Resolución 4K 30Hz.

Puerto Gigabit RJ45: 1. Compatible con Gigabit Nics, adaptación automática, interfaz Ethernet 10/100/1000 M.

Lector de tarjeta: 1 TF y 1 SD. Admite hasta 256 GB (tarjeta SD y tarjeta Micro SD no se puede usar simultáneamente).

Puerto USB 3.0: 3. Estándar USB 3.0, transmisión de hasta 5 Gbps, compatible con USB 2.0/ USB 1.0.

Puertos USB 2.0: 1. Estándar USB 2.0, compatibilidad con USB 2.0/ USB 1.0.



Puerto Tipo C: 1. Tipo C hembra, compatible con alimentación PD.

Audio 3.5 mm: 1. Admite salida de sonido original y micrófono.

VGA: 1. Soporta salida de video 1080 P.

Compatibilidad: Puerto tipo C, Windows7, 8, 10, 11 o superior, Mac OS X 10,8 o superior.

Color: gris espacial.

Solución de chips: Realtek RTL8153 + AG9321 + Via VL817 + GL823K

Material: carcasa en aluminio tipo aviónica.

Dimensiones: 124x49x17 mm

Longitud de cable: 150 mm

Peso: 80 g.

**Nota: Esta docking tipo USB-C no es compatible con puertos Thunderbolt USB-C.**

Color: Gris espacial

Garantía: 1 año

Conector 1: USB-C 3.0 (hembra)

Conector 2: GIGABIT+VGA+AUDIO 3.5MM+4K HDMI+VGA+PD+ 3 USB3.0 1 USB 2.0+LECTOR SD

Longitud del cable: 150 mm

Contenido del paquete: DOCKING 11 en 1 USB-C 3.0

**Manuf P/N:** Model 11-1-USBC

**Longitud cable:** 150 mm

**Tipo:** DOCKING 11 en 1 USB-C 3.0 a GIGABIT+VGA+AUDIO 3.5MM+4K HDMI+VGA+PD+ 3 USB3.0 1 USB 2.0+LECTOR SD

**Conector:** USB-C 3.0

GRUPO	2
ITEM	5
CANTIDAD	45
NOTA	Se adjunta archivo

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GRUPO	1
ITEM	6
CANTIDAD	19
MARCA	XKIM
REFERENCIA	Morral Multifuncional Maleta Sport Acolchonable
NUMERO DE PARTE	MB-70W
MATERIAL	Tela
COLOR	Negro - Gris
FACILIDADES	Correa para hombros ajustable, 3 bolsillos para accesorios de gran tamaño, Compartimiento reforzado para su laptop, Interior acolchonado para mayor protección, Capacidad dispositivo: 14 ~ 15.6 pulgadas. Peso máximo soportado: 10Kg

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Atentamente,

**TEAM IT S.A.S**  
**NIT. 900.446.662-5**

  
\_\_\_\_\_  
**JULIAN FERNANDO ZUÑIGA ALZATE**  
**C.C. 71.741.359**  
**REPRESENTANTE LEGAL**  
Julian Fernando Zuniga Alzate  
Representante Legal  
CC 71.741.359  
TEAM IT SAS  
NIT: 900.446.662-5

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