

**Mount Royal University
Information Technology Services**

Technology and Client Services

**University Computing
Specifications**



2025-2026

REVISION V1.02





THIS PUBLICATION IS INTENDED FOR REFERENCE PURPOSES TO FAMILIARIZE CLIENTS WITH THE ADMINISTRATIVE COMPUTING SPECIFICATIONS ON CAMPUS.

THE CONTENT CONTAINED IS REVIEWED AND UPDATED AS NECESSARY EACH FISCAL YEAR AS COMPUTER SPECIFICATIONS ARE SUBJECT TO CHANGE DUE TO INDUSTRY DEVELOPMENTS.

Computing Capability Overview

University Computer Equipment Usage Guidelines

All administrative computer desktop and laptop equipment utilized within the Mount Royal university campus adhere to the baseline specifications contained in this document. Individual clients or departments may not supply computers from an outside source for administrative use that is not approved by IT Services and purchased by Mount Royal University authorized purchasing agents; IT Services and Procurement Services as per information technology purchasing policy.

Computer peripherals for university administrative use may be outsourced for purchase under specific business approved circumstances, but dependent on the nature of the device, IT Services must be consulted prior to purchase to confirm that the device will not have an adverse impact on Mount Royal standard computing equipment and/or network infrastructure. The Software License and Asset Management Administrator (SLAMA) is consulted as IT Services' point of contact for faculty and administrative department purchases.

Personally, owned computers and peripherals may not be used on campus in substitution of Mount Royal administrative computers and peripherals. All approved administrative related computing equipment should be budgeted for by the faculty/administrative department for faculty and staff use. For visiting academic guests, part time instructors, and contractors, personal computer usage is covered by the following form: Application for Network Connectivity for Personal Computers; available through the forms section of the IT Services webpage.

<https://www.mtroyal.ca/CampusServices/CampusResources/InformationTechnology/Forms/index.htm>

Mount Royal is not liable for personal computing equipment that is damaged while used on campus. However, any Mount Royal computer equipment damaged, because of direct connection with a client's, personally owned computing equipment is the responsibility of the client and/or the client's department.

Computers on campus are categorized in the following classes of operation:

- **Administrative:** Faculty and staff are assigned one primary computer for the performance of their general administrative duties.
- **Academic:** Utilized in a multi-computer lab environment or student based operation.
- **Department/Project:** General purpose computer not assigned to a particular faculty or staff member or project specific use computer with a fixed term.
- **Research:** Specialized computing resource use by faculty research projects.

For further information on university computing guidelines see: IT Services Webpage - Administrative Computing Support:

<https://www.mtroyal.ca/CampusServices/CampusResources/InformationTechnology/AdministrativeComputingSupport/index.htm>

Computing Capability Overview

System Features

IT Services supports a business class specification for desktops and laptops deployed to all faculty, staff, and academic labs. To maximize operating and support efficiency, only select models from our partner vendors are offered. The models and specifications contained in this document are to be considered the university baseline specification. This document will change at regular intervals to reflect the current year's model lineup and may include changes to system specifications, pricing, and other content as required.

Features of Standard Systems

- Supplied by vendor partner approved through RFP procurement process.
- System specifications developed and supported by IT Services.
- Current Microsoft Windows operating system certified for Mount Royal use.
- Current operating system patches.
- Current version of Microsoft Office, licensed by Mount Royal.
- Anti-virus software licensed by Mount Royal.
- IT Services and vendor supported hardware warranty; (Laptop/Desktop: 4 Year)
- Software image and technical support through IT Services for duration of warranty period.

Note: Warranty supported operating lifecycle for computers is 4 Years; computers operating past 4 years may only be serviced on a best efforts basis and may be recommended for retirement from service if determined no longer serviceable by IT Services.

Computing Capability Overview

System Features

Component Advising and Purchase Process

	Baseline	Non-Baseline
Trusted Vendor, known source and quality	✓	✗
Verified quality on components and compatibility with MRU services and systems	✓	✗
ITS handles issues related to warranty and support	✓	✗
Resources available to assist with configuration discussions and handle steps in acquisition process	✓	✓

After Acquisition

Support Hardware

Authorized "in-house" technical support by MRU Resources	✓	✗
2 day response time for parts replacement and warranty work (Dell/Lenovo) performed on-site	✓	✗
Warranty / Replacement Parts Quality guaranteed *	✓	✗

Image

System test and certified to work with all MRU supported applications	✓	✗
Image created with automatic process to complete patch and upgrades for Microsoft and major licensed software service packs	✓	✗
Automatic anti-virus subscription	✓	✗
Access to preloaded and configured MRU licensed software <ul style="list-style-type: none"> • Microsoft Office • Adobe Acrobat Pro • Microsoft Anti-Virus • Microsoft, Google, and Firefox browsers 	✓	✗

Technical Support

TCS team trained to service technology **	✓	✗
Remote Desktop Support	✓	✗

* Individuals are on their own for resolving warranty issues if the vendor chooses to replace with factory Refurbished components and/or systems and with no time guarantee on resolution.

** Will do best effort to diagnose and resolve issue after that individual is on their own.



Professional productivity in a new, modern design

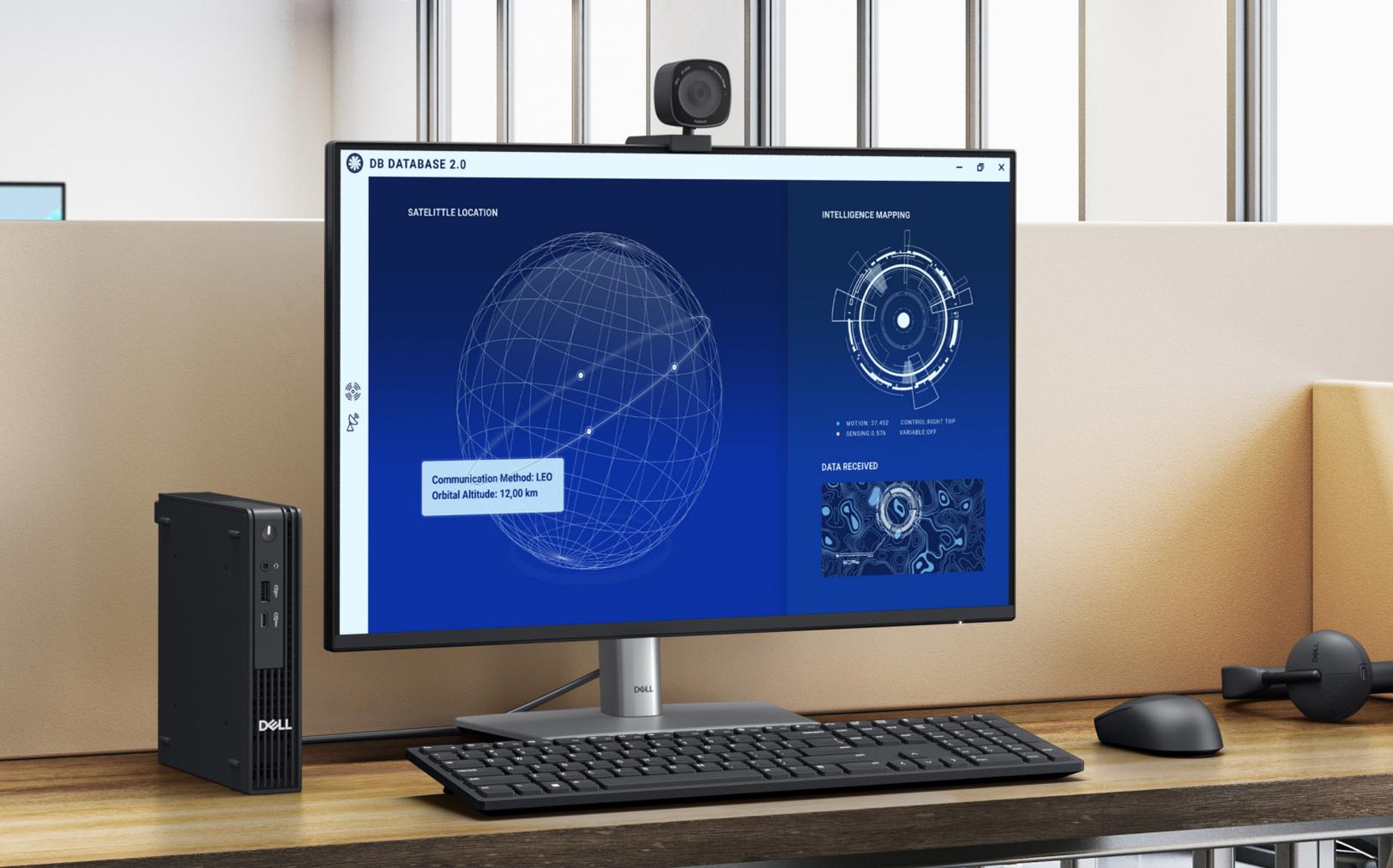


Dell Pro 14

Intel® Core™ Ultra processors
PC14250

FEATURE	TECHNICAL SPECIFICATION	TECHNICAL SPECIFICATION
MODEL NUMBER	Dell Pro 14 (PC14250)	
CHASSIS MATERIAL & COLOR OPTIONS	PC+ABS ¹⁴ , Magnetite and Platinum Silver	
PROCESSOR OPTIONS^{1,2}	Intel® Core Series 13 th Generation Intel® Core i3-1315U 13 th Generation Intel® Core i5-1335U 13 th Generation Intel® Core i5-1345U Intel® Processor U300E Intel® Core 3 100U Intel® Core 5 120U Intel® Core 5 220U Intel® Core 7 150U Intel® Core 7 250U	Intel® Core Ultra Series 2 (U) Intel® Core Ultra 5 225U Intel® Core Ultra 5 235U vPro® Intel® Core Ultra 7 255U Intel® Core Ultra 7 265U vPro®
DISPLAY¹	14" 16:10 FHD+ (1920 x 1200), 60Hz, IPS, Non-touch, Anti Glare, 300 nit, 45% NTSC, 6-bit + FRC 14" 16:10 FHD+ (1920 x 1200), 60Hz, IPS, Touch (No cover glass), Anti-Glare, 300 nit, 100% sRGB, 6-bit + FRC 14" 16:10 FHD+ (1920 x 1200), 60Hz, IPS, Non-Touch, Anti-Glare, 400 nit, 100% sRGB, 8-bit, ComfortView Plus (Low Blue Light), Low Power 14" 16:10 FHD+ (1920 x 1200), 60Hz, IPS, Non-Touch, Anti-Glare, 400 nits, 45% NTSC, 6-bit+FRC 14" 16:10 FHD+ (1920 x 1200), 60Hz, IPS, Touch (No cover glass), Anti-Glare, 400 nits, 100% sRGB, 8-bit+FRC	
AI ACCELERATOR¹	This Dell Pro system features a neural processing unit (NPU). An NPU is a microprocessor that specializes in the acceleration of machine learning tasks. NPU helps to offset the resources from CPU and/or GPU, consumes low power and improves resource utilization when processing massive multimedia data such as video and images. AI accelerator supports Copilot in Windows.	
CHIPSET^{1,2}	Integrated with the processor	
OPERATING SYSTEM¹	Microsoft® Windows 11 Home 64-bit Microsoft® Windows 11 Pro 64-bit Microsoft® Windows 11 Pro Education 64-bit ¹⁵ Ubuntu® 24.04 LTS, 64-bit	
THIN OS^{1,2}	ThinOS and Windows 11 IoT Enterprise LTSC 2024 OS options	
GRAPHICS^{1,8}	Intel® graphics	
MEMORY^{1,5}	On systems configured with Intel® Core: 8 GB DDR5, 5200 MT/s, single-channel 16 GB DDR5, 5200 MT/s, single or dual-channel 32 GB DDR5, 5200 MT/s, single or dual-channel 64 GB DDR5, 5200 MT/s, dual-channel	On systems configured with Intel® Core Ultra: 8 GB DDR5, 5600 MT/s, single-channel 16 GB DDR5, 5600 MT/s, single or dual-channel 32 GB DDR5, 5600 MT/s, single or dual-channel 64 GB DDR5, 5600 MT/s, dual-channel
STORAGE OPTIONS^{1,4,6,7}	On systems with Intel® Core: 128 GB UFS (on Magnetite chassis with Intel® Processor U300E only) 256 GB SSD TLC M.2 2230, PCIe Gen4 512 GB SSD QLC M.2 2230, PCIe Gen4 512 GB SSD TLC M.2 2230, PCIe Gen4 1 TB SSD QLC M.2 2230, PCIe Gen4 2 TB SSD QLC M.2 2230, PCIe Gen4	On systems with Intel® Core Ultra: 256 GB SSD TLC M.2 2230, PCIe Gen4 512 GB SSD QLC M.2 2230, PCIe Gen4 512 GB SSD TLC M.2 2230, PCIe Gen4 512 GB SSD TLC M.2 2230, PCIe Gen4 SED ¹⁷ 1 TB SSD QLC M.2 2230, PCIe Gen4 2 TB SSD QLC M.2 2230, PCIe Gen4
SECURITY¹	Standard Security Features: TPM 2.0 FIPS-140-2 Certified / TCG Certified Chassis intrusion switch - Remotely detects hardware tampering and is integrated with Dell SafeBIOS Indicators of Attack. Camera Shutter Security Lock Slot Optional Security Features: Fingerprint Reader (in Power Button) with Windows Hello compliant FHD IR Camera with Windows Hello compliance Contacted Smart Card reader with ControlVault 3+ Advanced Authentication with FIPS 140-3 Level 3 Certification (available on Platinum Silver chassis with Intel® Core Ultra 225U, 235U and 265U only)	
DOCKING¹	Docks are optional (sold separately) Dell USB-C Dock - WD19S Dell Performance Dock - WD19DCS Dell Thunderbolt Dock - WD19TBS, WD22TB4 Dell Universal Dock - D6000S Dell Pro Dock WD25 (Mar CY25 RTS) Dell Pro Smart Dock SD25 (Mar CY25 RTS) Dell Pro Thunderbolt 4 Smart Dock SD25TB4 (Mar CY25 RTS) Dell Pro Thunderbolt 4 TAA Smart Dock WD25TB4 (Mar CY25 RTS) Dell Pro Thunderbolt 5 Smart Dock SD25TB5 (Mar CY25 RTS) Dell Pro Thunderbolt 5 TAA Smart Dock WD25TB5 (Jul CY25 RTS)	
CONNECTIVITY OPTIONS¹	On systems with Intel® Core: Microsoft Modern Standby compliant Wireless LAN Options⁸: Media Tek Wi-Fi 6 MT7920 2x2, BT 5.4 Wireless Card Intel® AX211 Wi-Fi 6E 2x2, BT 5.3 Wireless Card Mobile Broadband ⁹ : N/A	On systems with Intel® Core Ultra: Microsoft Modern Standby compliant Wireless LAN Options⁸: Media Tek Wi-Fi 6 MT7920 2x2, BT 5.4 Wireless Card Intel® AX211 Wi-Fi 6E 2x2, BT 5.3 Wireless Card Intel® BE200 Wi-Fi 7 2x2, BT 5.4 Wireless Card (BE202 no longer offered) Mobile Broadband ⁹ : N/A
CAMERA OPTIONS¹	On systems with Intel® Core: HD Camera, 720p Video, Temporal Noise Reduction, Camera Shutter (on Magnetite chassis only) FHD HDR Camera, 1080p HDR video, Temporal Noise Reduction, Camera Shutter FHD + IR HDR Camera, 1080p HDR video, Temporal Noise Reduction, Camera Shutter	On systems with Intel® Core Ultra: FHD HDR Camera, 1080p HDR video, Temporal Noise Reduction, Camera Shutter FHD + IR HDR Camera, 1080p HDR video, Temporal Noise Reduction, Camera Shutter
AUDIO & SPEAKERS	2 x 2W Speakers, Waves MaxxAudio® Pro audio output processing	
MICROPHONE¹	2 x Noise Canceling Microphones with Intelligo input audio processing	

FEATURE	TECHNICAL SPECIFICATION	TECHNICAL SPECIFICATION
MODEL NUMBER	Dell Pro 14 (PC14250) - CONTINUED	
BATTERY OPTIONS^{1,10,11}	3 cell 45 Wh, Li-ion, ExpressCharge 1.0, ExpressCharge Boost 3 cell 45 Wh, Li-ion, ExpressCharge 1.0, ExpressCharge Boost, Long Life Cycle, 3-year limited hardware warranty 3 cell 55 Wh, Li-ion, ExpressCharge 1.0, ExpressCharge Boost Capable ¹⁶ 3 cell 55 Wh, Li-ion, ExpressCharge 1.0, ExpressCharge Boost Capable ¹⁶ , Long Life Cycle, 3-year limited hardware warranty	
POWER OPTIONS¹	65W adapter, USB Type-C 65W adapter, 4.5mm barrel 60W Ultralight Mini adapter, Type-C, 2-pin (Japan only)	
PORTS, SLOTS & CHASSIS^{1,12}	On systems with Intel® Core: 1x USB Type-C Thunderbolt 4.0 with Power Delivery 3.1 & DisplayPort 2.1 1x USB Type-C with Power Delivery 3.1 & DisplayPort 2.0 4.5mm barrel power delivery 2 x USB 3.2 Gen 1 Type-A (1 with PowerShare) 1x HDMI 2.1 1x RJ-45 (1 GbE) 1x Global Headset Jack 1x Wedge-Shaped Lock slot	On systems with Intel® Core Ultra: 1 x USB Type-C Thunderbolt 4.0 with Power Delivery 3.1 & DisplayPort 2.1 1x USB Type-C with Power Delivery 3.1 & DisplayPort 2.0 4.5mm barrel power delivery 2 x USB 3.2 Gen 1 Type-A (1 with PowerShare) 1x HDMI 2.1 1x RJ-45 (1 GbE) 1x Global Headset Jack 1x Wedge-Shaped Lock slot 1x Smart Card Reader (optional, on Platinum Silver chassis only)
TOUCHPAD	Precision Clickpad with multi-touch gesture support	
INPUT¹	10-Finger Touch Display Spill Resistant Non-Backlit AI hotkey Keyboard Spill Resistant Backlit AI hotkey Keyboard	
SENSORS¹	Lid Close Sensor (Hall Effect Sensor)	
DIMENSIONS & WEIGHT^{1,11}	Width: 12.35 inches / 313.70 mm Depth: 8.87 inches / 225.3 mm Height (front) starting from: 0.74 inches / 18.89 mm Height (rear) starting from: 0.80 inches / 20.37 mm Screen to Body Ratio: 87.8% Starting weight: 1.35kg / 2.99lbs	
WHAT'S IN THE BOX	Dell Pro 14 Laptop Power Adapter Power Cable Quick Start Guidet	



DELLTechnologies

Dependable. Versatile.
Ultracompact.

Dell Pro Micro QCM1250

Dell Pro Micro Plus QBM1250

Featuring AI PC options, powered by
Intel® Core™ Ultra processors (Series 2)



Big power. Small footprint.

Ultracompact high-performance desktop
with AI PC options

Maximize business productivity in the smallest of spaces with Dell Pro Micro. Get robust performance with Intel® Core™ (14th Gen) processors, or take it to the next level with Intel® Core™ Ultra (Series 2) processors for AI-enhanced capabilities.

These professional-grade ultracompact PCs feature leading manageability and security solutions, ideal for any managed IT environment.

Built for durability, all Dell Pro desktops undergo rigorous military-grade testing¹ to deliver reliable performance you can count on.

Dell Pro Micro QCM1250

Choose from Intel® Core™ processors (14th Gen) up to i7, or elevate your experience with AI capabilities using Intel® Core™ Ultra processors (Series 2) up to Ultra 7, featuring a dedicated neural processing unit (NPU).

Dell Pro Micro Plus QBM1250

Designed for enhanced performance and advanced capabilities, this AI PC is powered by Intel® Core™ Ultra (Series 2) up to Ultra 9, complete with a dedicated NPU for AI-driven tasks.



Choose the right solution



[Explore 360 view >](#)



[Explore 360 view >](#)

Feature		Dell Pro Micro (QCM1250)	Dell Pro Micro Plus (QBM1250)
Processor	AI PC: Up to Intel® Core™ Ultra 7 processors (35-Watt) Additional CPU options: Up to Intel® Core™ i7 processors (35-Watt)		AI PC: Up to Intel® Core™ Ultra 9 processors (35-Watt/65-Watt)
Chassis Size	1.18L chassis size		
Memory	Up to 64GB DDR5 memory		
Storage	2 M.2 slots with up to 1 TB SSD for each	2 M.2 slots with up to 2 TB SSD for each, optional RAID	
Single Cable USB-C Power Delivery Solution	With the optional Type-C module, power your Pro Micro with up to 100W using a single USB-C cable connected to a compatible Dell USB-C hub monitor.	Not available	
Native USB	6 USB ports (includes 1 USB-C port)	8 USB ports (includes 2 USB-C ports)	
Native Video Ports	1 DisplayPort 1.4a supports up to 5K resolution at 60Hz; 1 HDMI 2.1 supports up to 4K resolution at 60Hz	3 DisplayPort 1.4a support up to 5K resolution at 60Hz	
1 Optional module port for expandability	With Intel® Core™ Ultra processors: HDMI 2.1, up to 5120 x 3200 @ 60Hz / DisplayPort™ 2.1, up to 7680 x 4320 @ 60Hz / VGA / USB Type-C® with DisplayPort™ Alt Mode / 2 USB-A 3.2 Gen 2 / PS2 and Serial / Serial Module / 5GbE Optical Fiber (Peer-to-Peer)** With Intel® Core™ processors: HDMI 2.1, Up to 4096 x 2160 @ 60Hz / DisplayPort™ 1.4a, up to 5120 x 3200 @ 60Hz / VGA / USB Type-C® with DisplayPort™ Alt Mode / 2 USB-A 3.2 Gen 2 / PS2 and Serial / Serial Module / 5GbE Optical Fiber (Peer-to-Peer)**	With Intel® Core™ Ultra processors: Thunderbolt 4 with DisplayPort™ 2.1 + USB 3.2 Gen 2 Type-C® / HDMI 2.1, up to 5120 x 3200 @ 60Hz / DisplayPort™ 2.1, up to 7680 x 4320 @ 60Hz / VGA / USB Type-C® with DisplayPort™ Alt Mode / 2 USB 3.2 Gen 2 / PS2 and Serial / Serial Module / 5GbE Optical Fiber (Peer-to-Peer)** / RJ-45 Ethernet Port (5 Gbps)	
Recycled steel	Contains up to 50% post-industrial recycled steel in the chassis		
Enhanced thermal design	Up to 8% cooler and 32% quieter operation*	Up to 9% cooler and up to 22% quieter operation*	
Service Base	1 year	3 years	

* Versus the previous generation. Based on Dell internal testing, January 2025.

** Supports up to 5 Gbps connectivity via peer-to-peer transmission. Actual speed via network depends on equipment compatibility, requiring both transceiver and switch at the same maximum speed.



Not All Technical Specifications Available Per System Configuration.

Please search Dell.com/support for product owner’s manual or contact your Dell Technologies sales expert.

FEATURE		TECHNICAL SPECIFICATION	
MODEL NUMBER	Dell Pro Micro	Dell Pro Micro Plus	
MODEL IDENTIFIER	QCM1250	QBM1250	
CHASSIS COLOR	Dell Standard Black	Dell Standard Black	
PROCESSOR OPTIONS¹	AI PC Intel® Core™ Ultra 7 265T vPro® (13 TOPS NPU, 20 cores, up to 5.3 GHz) Intel® Core™ Ultra 5 245T vPro® (13 TOPS NPU, 14 cores, up to 5.1 GHz) Intel® Core™ Ultra 5 235T vPro® (13 TOPS NPU, 14 cores, up to 5.0 GHz) Additional CPU options Intel® Core™ i7 14700T vPro® (20 cores, up to 5.0 GHz) Intel® Core™ i5 14600T vPro® (14 cores, up to 5.1 GHz) Intel® Core™ i5 14500T vPro® (14 cores, up to 4.8 GHz) Intel® Core™ i3 14100T (4 cores, up to 4.4 GHz) Intel® Core™ 300T (2 cores, up to 3.4 GHz)	AI PC Intel® Core™ Ultra 9 285 vPro® (13 TOPS NPU, 24 cores, up to 5.6 GHz) Intel® Core™ Ultra 9 285T vPro® (13 TOPS NPU, 24 cores, up to 5.4 GHz) Intel® Core™ Ultra 7 265 vPro® (13 TOPS NPU, 20 cores, up to 5.3 GHz) Intel® Core™ Ultra 7 265T vPro® (13 TOPS NPU, 20 cores, up to 5.3 GHz) Intel® Core™ Ultra 5 245 vPro® (13 TOPS NPU, 14 cores, up to 5.1 GHz) Intel® Core™ Ultra 5 245T vPro® (13 TOPS NPU, 14 cores, up to 5.1 GHz) Intel® Core™ Ultra 5 235 vPro® (13 TOPS NPU, 14 cores, up to 5.0 GHz) Intel® Core™ Ultra 5 235T vPro® (13 TOPS NPU, 14 cores, up to 5.0 GHz)	
CHIPSET	Intel® Q870 for Intel® Core™ Ultra 7 and Ultra 5 processors Intel® Q670 for Intel® Core™ i7, i5, i3 and 300T processors	Intel® Q870	
OPERATING SYSTEM OPTIONS¹	Windows 11 Home Windows 11 Pro Windows 11 Pro National Education Ubuntu® Linux® 24.04 LTS, 64-bit	Windows 11 Home Windows 11 Pro Windows 11 Pro National Education Ubuntu® Linux® 24.04 LTS, 64-bit	
GRAPHICS	Integrated Graphics Intel® Graphics for Intel® Core™ Ultra 7 and Ultra 5 processors Intel® UHD Graphics 770 for Intel® Core™ i7 and i5 processors Intel® UHD Graphics 730 for Intel® Core™ i3 processor Intel® UHD Graphics 710 for Intel® Core™ 300T processor	Integrated Graphics Intel® Graphics	
MEMORY OPTIONS^{1,2,3}	For computers shipped with Intel® Core™ 300T, i3 14100T and i5 14500T processors: 8 GB: 1 x 8 GB, DDR5, 4800 MT/s, single-channel 16 GB: 1 x 16 GB, DDR5, 4800 MT/s, single-channel 16 GB: 2 x 8 GB, DDR5, 4800 MT/s, dual-channel 32 GB: 1 x 32 GB, DDR5, 4800 MT/s, single-channel 32 GB: 2 x 16 GB, DDR5, 4800 MT/s, dual-channel 64 GB: 2 x 32 GB, DDR5, 4800 MT/s, dual-channel For computers shipped with Intel® Core™ i5 14600T and i7 processors: 8 GB: 1 x 8 GB, DDR5, 5600 MT/s, single-channel 16 GB: 1 x 16 GB, DDR5, 5600 MT/s, single-channel 16 GB: 2 x 8 GB, DDR5, 5600 MT/s, dual-channel 32 GB: 1 x 32 GB, DDR5, 5600 MT/s, single-channel 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, dual-channel 64 GB: 2 x 32 GB, DDR5, 5600 MT/s, dual-channel For computers shipped with Intel® Core™ Ultra 5 and Ultra 7 processors: 8 GB: 1 x 8 GB, DDR5, 5600 MT/s, single-channel 16 GB: 1 x 16 GB, DDR5, 5600 MT/s, single-channel 16 GB: 2 x 8 GB, DDR5, 5600 MT/s, dual-channel 32 GB: 1 x 32 GB, DDR5, 5600 MT/s, single-channel 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, dual-channel 64 GB: 2 x 32 GB, DDR5, 5600 MT/s, dual-channel 8 GB: 1 x 8 GB, DDR5, 6400 MT/s, single-channel 16 GB: 1 x 16 GB, DDR5, 6400 MT/s, single-channel 16 GB: 2 x 8 GB, DDR5, 6400 MT/s, dual-channel 32 GB: 1 x 32 GB, DDR5, 6400 MT/s, single-channel 32 GB: 2 x 16 GB, DDR5, 6400 MT/s, dual-channel	For computers shipped with Intel® Core™ Ultra 5, Ultra 7 and Ultra 9 processors: 8 GB: 1 x 8 GB, DDR5, 5600 MT/s, single-channel 16 GB: 1 x 16 GB, DDR5, 5600 MT/s, single-channel 16 GB: 2 x 8 GB, DDR5, 5600 MT/s, dual-channel 32 GB: 1 x 32 GB, DDR5, 5600 MT/s, single-channel 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, dual-channel 64 GB: 2 x 32 GB, DDR5, 5600 MT/s, dual-channel 8 GB: 1 x 8 GB, DDR5, 6400 MT/s, single-channel 16 GB: 1 x 16 GB, DDR5, 6400 MT/s, single-channel 16 GB: 2 x 8 GB, DDR5, 6400 MT/s, dual-channel 32 GB: 1 x 32 GB, DDR5, 6400 MT/s, single-channel 32 GB: 2 x 16 GB, DDR5, 6400 MT/s, dual-channel 64 GB: 2 x 32 GB, DDR5, 6400 MT/s, dual-channel	



Not All Technical Specifications Available Per System Configuration.

Please search Dell.com/support for product owner's manual or contact your Dell Technologies sales expert.

FEATURE		TECHNICAL SPECIFICATION	
MODEL NUMBER	Dell Pro Micro	Dell Pro Micro Plus	
MODEL IDENTIFIER	QCM1250	QBM1250	
STORAGE OPTIONS ^{1,5}	HDD: None SSD: 512 GB SSD 1 TB SSD 256 GB SSD 512 GB SSD, TLC 1 TB SSD, TLC 512 GB Performance SSD, SED Ready 1 TB Performance SSD, SED Ready	HDD: None SSD: 512 GB SSD 256 GB SSD 512 GB SSD, TLC 1 TB SSD, TLC 512 GB Performance SSD, SED Ready 1 TB Performance SSD, SED Ready 2 TB Performance SSD, SED Ready	
WIRELESS OPTIONS	Intel® Wi-Fi 7 BE200, 2x2, 802.11be, MU-MIMO, Bluetooth® wireless card Intel® Wi-Fi 6E AX211, 2x2, 802.11ax, MU-MIMO, Bluetooth® wireless card MediaTek Wi-Fi 6 MT7920, 2x2, 802.11ax, MU-MIMO, Bluetooth® wireless card	Intel® Wi-Fi 7 BE200, 2x2, 802.11be, MU-MIMO, Bluetooth® wireless card Intel® Wi-Fi 6E AX211, 2x2, 802.11ax, MU-MIMO, Bluetooth® wireless card MediaTek Wi-Fi 6 MT7920, 2x2, 802.11ax, MU-MIMO, Bluetooth® wireless card	
AUDIO & SPEAKERS ¹	Waves MaxxAudio® 14.0, Optional internal speakers		
STAND OPTIONS	Dell All-in-One VESA Mount for E-Series Monitors with Base Extender Dell Dual VESA Mount with Adapter Bracket Dell Pro Micro All-in-One Stand Dell Vertical Desktop Stand Dell Wall/Under-the-Desk VESA Mount with PSU Sleeve		
POWER	65 W AC adapter, 4.5mm barrel 90 W AC adapter, 4.5mm barrel	130 W AC adapter, 7.4mm barrel 180 W AC adapter, 7.4mm barrel	
PORTS	Front: 1 USB 3.2 Gen 2 (10 Gbps) Type-C® port 1 USB 3.2 Gen 1 (5 Gbps) port 1 Global Headset Jack Rear: 1 USB 3.2 Gen 1 (5 Gbps) port with SmartPower On 1 USB 3.2 Gen 1 (5 Gbps) port 2 USB 2.0 (480 Mbps) ports 1 DisplayPort™ 1.4a (HBR3 support) port for computers shipped with Intel® Core™ Ultra processors 1 DisplayPort™ 1.4a (HBR2 support) port for computers shipped with Intel® Core™ 300T, i3, i5 and i7 processors 1 HDMI 2.1 port 1 RJ-45 Ethernet port (1Gbps) 1 power-adapter port 1 optional module port (HDMI 2.1 FRL/DisplayPort™ 2.1 (UHBR20)/VGA/USB Type-C® with DisplayPort™ Alt Mode/2 USB-A 3.2 Gen 2/PS2 and Serial/Serial Module/5GbE Optical Fiber (Peer to Peer) ¹⁾ for computers shipped with Intel® Core™ Ultra processors 1 optional module port (HDMI 2.1 TMDS/DisplayPort™ 1.4a (HBR3)/VGA/USB Type-C® with DisplayPort™ Alt Mode/2 USB-A 3.2 Gen 2/PS2 and Serial/Serial Module/5GbE Optical Fiber (Peer to Peer) ¹⁾ for computers shipped with Intel® Core™ 300T, i3, i5 and i7 processors	Front: 1 USB 3.2 Gen 2x2 (20 Gbps) Type-C® port 1 USB 3.2 Gen 2 (10 Gbps) port 1 USB 3.2 Gen 2 (10 Gbps) with PowerShare port 1 Global Headset Jack Rear: 1 USB 3.2 Gen 2 (10 Gbps) Type-C® port 2 USB 3.2 Gen 2 (10 Gbps) ports 1 USB 3.2 Gen 1 (5 Gbps) port with SmartPower On 1 USB 3.2 Gen 1 (5 Gbps) port 3 DisplayPort™ 1.4a (HBR3 support) ports 1 RJ-45 Ethernet port (1Gbps) 1 power-adapter port 1 optional module port (Thunderbolt 4 with DisplayPort™ 2.1 + USB 3.2 Gen 2 Type-C®/HDMI 2.1 FRL/DisplayPort™ 2.1 (UHBR20)/VGA/USB Type-C® with DisplayPort™ Alt Mode/2 USB 3.2 Gen 2/PS2 and Serial/Serial Module/5GbE Optical Fiber (Peer to Peer) ¹⁾ /RJ-45 Ethernet Port (5 Gbps))	
SLOTS	1 M.2 2230 slot for Wi-Fi and Bluetooth combo card 2 M.2 2230/2280 slots for solid-state drive	1 M.2 2230 slot for Wi-Fi and Bluetooth combo card 2 M.2 2230/2280 Gen4 slots for solid-state drive	
ADD IN CARD OPTIONS	Not Applicable		
OPTICAL DRIVE OPTIONS	Not Applicable		
DIMENSIONS	Height: 7.17 in. (182.00 mm) Width: 1.42 in. (36.00 mm) Depth: 7.01 in. (178.00 mm) Weight (minimum): 2.56 lbs (1.16 Kg) Weight (maximum): 3.09 lbs (1.40 Kg)	Height: 7.17 in. (182.00 mm) Width: 1.42 in. (36.00 mm) Depth: 7.01 in. (178.00 mm) Weight (minimum): 2.71 lbs (1.22 Kg) Weight (maximum): 3.15 lbs (1.43 Kg)	



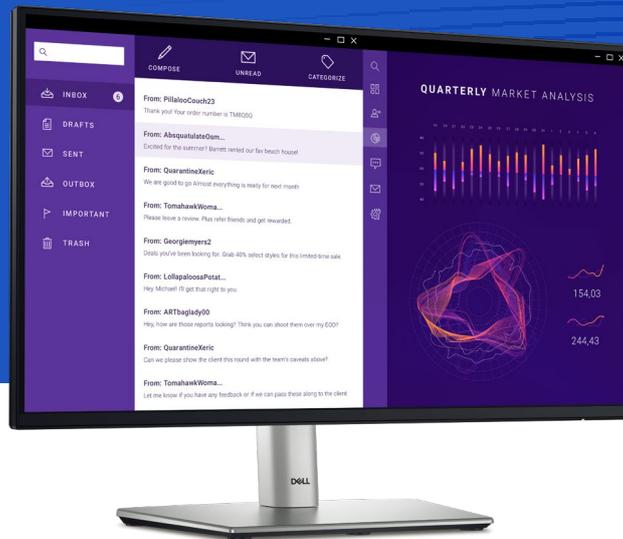
All-day productivity

Dell 22 Monitor | P2225H

The world's # 1 monitor company*

*Dell monitors are #1 Worldwide for 9 years! Source: IDC Worldwide Quarterly PC Monitor Tracker, Q3 2023. From 2014 to 2023.

4-star certified monitor for eye comfort¹



Get enhanced visual comfort and seamless connectivity with this 21.5-in FHD monitor.

Enhanced eye comfort

This monitor achieves TÜV Rheinland® 4-star eye comfort certification — the latest industry standard for eye comfort to help reduce signs of eye fatigue.

Benefit from improved ComfortView Plus, a built-in feature that reduces blue light emission to less than 35% while allowing you to see vibrant colors with 99% sRGB coverage, and 100Hz refresh rate that delivers smoother and sharper motion visuals.

Easy to connect

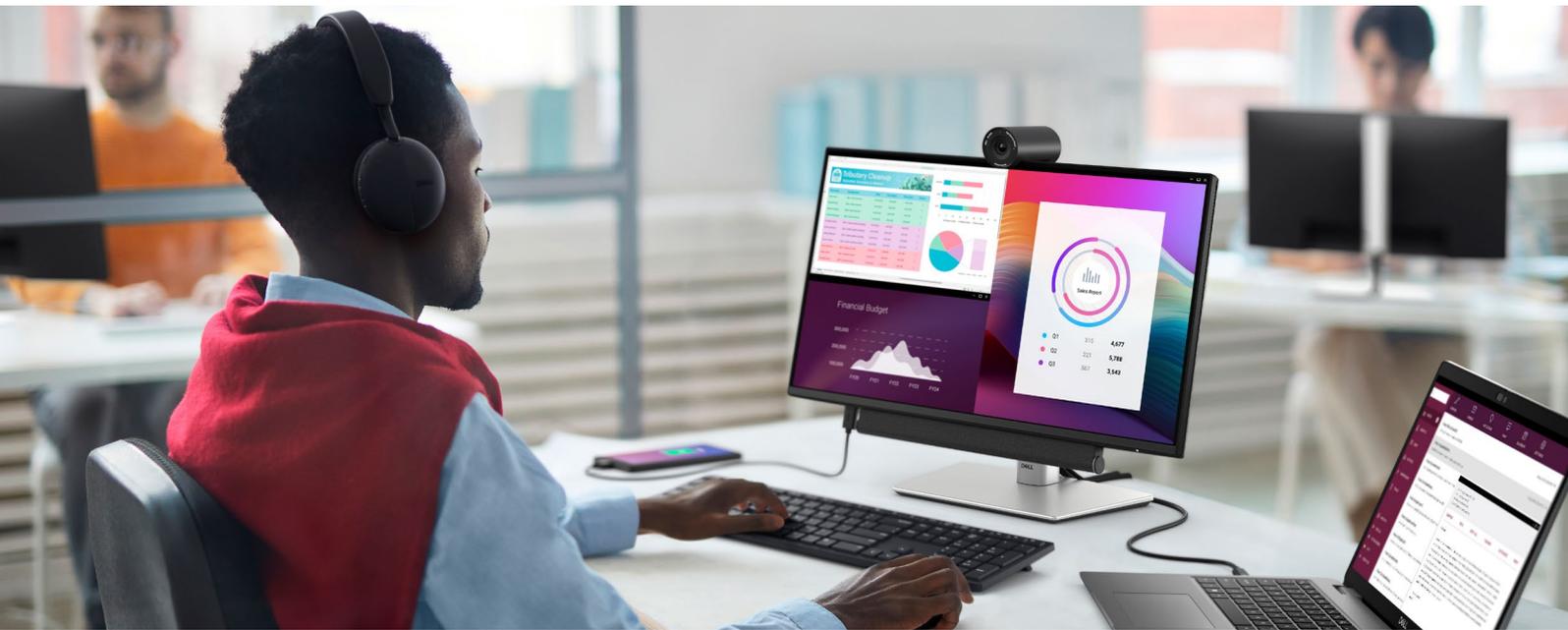
Connect your accessories across a variety of ports including DisplayPort 1.2, VGA, HDMI and a Quick Access USB-C port that delivers up to 15W of power.

See your work clearly

With In-Plane Switching (IPS) technology, this monitor offers a wide 178°/178° viewing angle, so you can view your work with consistent color and image quality from virtually any angle.

Get deeper blacks and brighter whites with 1500:1 contrast ratio.

¹ Based off TÜV Rheinland® eye comfort certification.



All day comfort

Get a seamless viewing experience and focus on your task with ultra-thin bezel design.



De-clutter your workspace

Free up your desk space with the small monitor base and hide cables from view by tucking them into the riser.



Easy-to-use

Navigate the onscreen menu and adjust settings with a convenient joystick control.

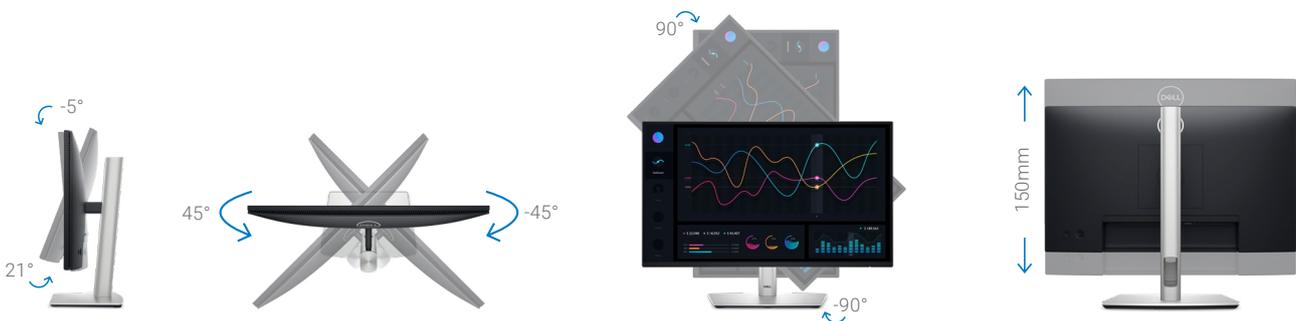


Quick access

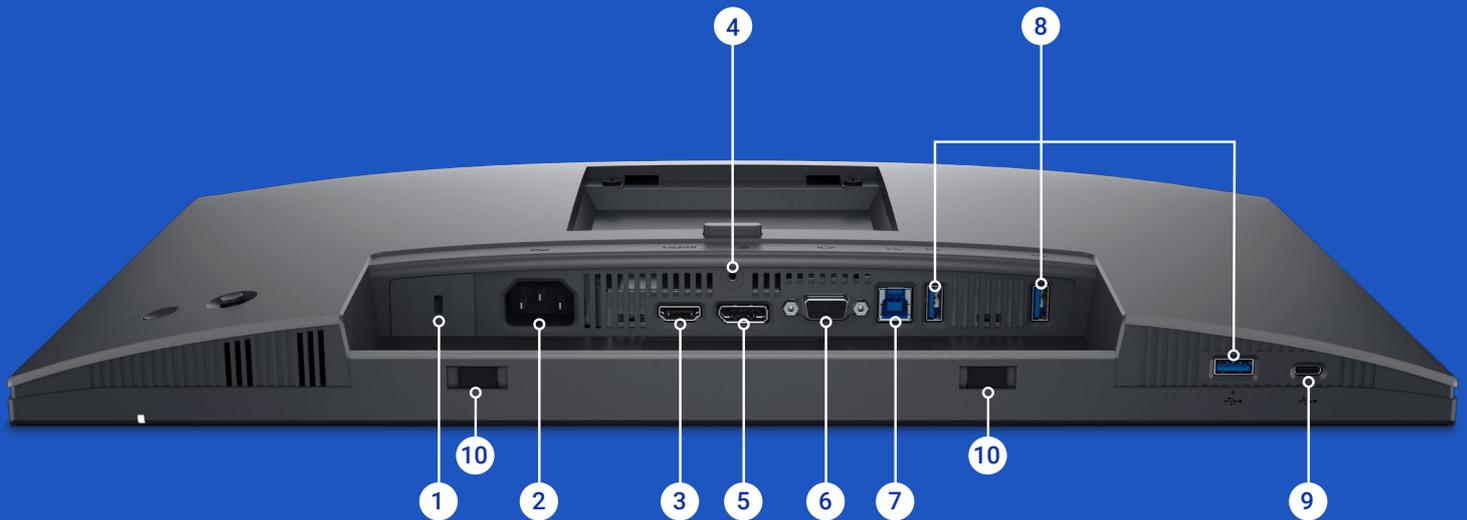
USB-C downstream port enables fast data transfers and charging of up to 15W of power.

Work comfortably

Experience made-for-you comfort by tilting, swiveling, pivoting and adjusting the height of your monitor (150mm max).



Ports & Slots



- | | | | |
|----------|---------------------------------|-----------|---|
| 1 | Security lock slot ¹ | 7 | USB 3.2 Gen1 Type-B upstream |
| 2 | Power connector | 8 | USB 3.2 Gen1 Type-A downstream (3) |
| 3 | HDMI | 9 | USB 3.2 Gen1 Type-C downstream
(PD of up to 15W) |
| 4 | Stand-lock | 10 | Soundbar slots |
| 5 | DisplayPort 1.2 | | |
| 6 | VGA | | |

¹ Based on Kensington Security Slot™

FEATURE	TECHNICAL SPECIFICATION
MODEL	Dell 22 Monitor - P2225H
DIAGONAL VIEWING SIZE	54.61 cm (21.5")
PRESET DISPLAY AREA (H X V)	476.06 mm x 267.79 mm (18.74" x 10.54")
PANEL TYPE	In-Plane Switching (IPS) technology
DISPLAY SCREEN COATING	Anti-glare with 3H hardness
MAXIMUM PRESET RESOLUTION	1920 x 1080
REFRESH RATE	Up to 100 Hz
VIEWING ANGLE	178° vertical / 178° horizontal
PIXEL PITCH	0.2480 mm x 0.2480 mm
PIXEL PER INCH (PPI)	102.44
CONTRAST RATIO	1,500: 1 (typical)
ASPECT RATIO	16:9
BACKLIGHT TECHNOLOGY	LED edgelight system
BRIGHTNESS	250 cd/m ² (typical)
RESPONSE TIME	5ms gray-to-gray (Fast mode) 8ms gray-to-gray (Normal mode)
COLOR SUPPORT	Color Gamut: 99% sRGB Color Depth: Up to 16.7 million colors
TÜV EYE COMFORT	Yes, 4-Star
FLICKER FREE	Yes
CONNECTIVITY	<ul style="list-style-type: none"> 1 x HDMI 1.4 (HDCP 1.4) (Supports up to FHD 1920 x 1080 100Hz TMDS as per specified in HDMI 1.4) 1 x DP 1.2 (HDCP 1.4) 1 x VGA 1 x USB 3.2 Gen1 Type-B upstream 3 x USB 3.2 Gen1 Type-A downstream 1 x USB 3.2 Gen1 Type-C downstream with up to 15W PD (data only)
USB POWER DELIVERY	Yes, up to 15W via USB-C downstream port
ADJUSTABILITY	Height: Up to 150 mm (5.9") Tilt: -5° ~ 21° Swivel: -45° ~ 45° Pivot: -90° ~ 90°
DELL DISPLAY MANAGER COMPATIBILITY	Yes with Easy Arrange
REMOTE ASSET MANAGEMENT	Yes
SPECIFICATIONS - SERVICE / SUPPORT DETAILS	3 Year Limited Hardware Warranty with Advanced Exchange Service and Premium Panel Exchange

FEATURE	TECHNICAL SPECIFICATION
VOLTAGE REQUIRED	100 VAC to 240 VAC / 50 Hz or 60 Hz ± 3 Hz / 1.5 A (typ)
ENERGY EFFICIENCY CLASS (A TO G SCALE)	D 
POWER CONSUMPTION (OPERATIONAL) (TYPICAL)	0.3 W (Off mode) 0.3 W (Standby mode) 10.9 W (On mode) 60 W (Max) 10.1 W (Pon) 32.2 kWh (TEC)
AUDIO OUTPUT	Optional soundbar (sold separately)
HEIGHT WITH STAND (COMPRESSED ~ EXTENDED)	364.00 mm ~ 482.39 mm (14.33" ~ 18.99")
WIDTH WITH STAND	488.06 mm (19.22")
DEPTH WITH STAND	181.75 mm (7.16")
HEIGHT WITHOUT STAND	285.79 mm (11.25")
WIDTH WITHOUT STAND	488.06 mm (19.22")
DEPTH WITHOUT STAND	50.03 mm (1.97")
WEIGHT (PANEL ONLY - FOR VESA MOUNT)	2.58 kg (5.69 lbs)
WEIGHT (WITH PACKAGING)	6.15 kg (13.56 lbs)
SECURITY	Security-lock slot (based on Kensington Security Slot™)
COMPLIANT STANDARDS	<ul style="list-style-type: none"> ENERGY STAR® certified monitor EPEAT® GOLD EPEAT® Climate+ TCO Certified Displays TCO Certified Edge RoHS-compliant BFR / PVC free monitor (excluding external cables) Arsenic-free glass and mercury-free (panel only)
FLAT PANEL MOUNT INTERFACE	VESA (100 mm x 100mm)
TEMPERATURE RANGE	Operating: 0°C ~ 40°C (32°F ~ 104°F) Non-operating: -20° ~ 60°C (-4° ~ 140°F)
HUMIDITY RANGE	Operating: 10% ~ 80% (non-condensing) Non-operating: 5% ~ 90% (non-condensing)
ALTITUDE	Operating: 5,000 m (16,404 ft) max Non-operating: 12,192 m (40,000 ft) max
WHAT'S INCLUDED	1 x Monitor panel 1 x Stand riser and base 1 x Power cord 1 x DP-to-DP cable, 1.8m 1 x USB 3.2 Gen1 Type A-to-B (upstream) cable, 1.8m 1 x HDMI-to-HDMI cable, 1.8m (for select countries only) 1 x Quick setup guide 1 x Safety, Environmental, and Regulatory Information

Targus

USB-C UNIVERSAL DUAL VIDEO 4K DOCKING STATION WITH 100W POWER



QUICK START GUIDE

410-3723-001A / DOCK190USZ

Contents

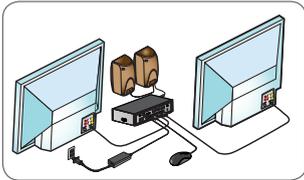
- Targus USB-C Universal Dual Video 4K Docking Station with 100W Power
- USB-C Cable
- AC Power adapter
- USB-C to USB-A adapter with Tether
- DC Output Cable
- Power Tips - 3A, 3H, 3H2, 3I2, 3P, 3W, 3X9
- USB-C mount bracket (for selected models)



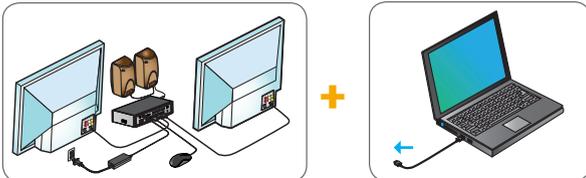
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Workstation Setup

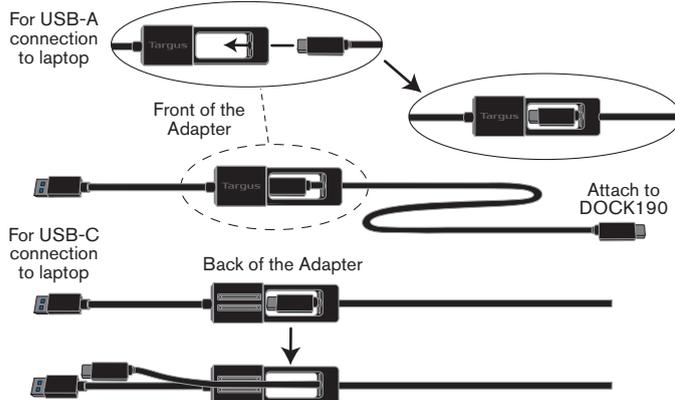
1. Connect all peripheral devices to the docking station



2. Connect the Targus Universal Docking Station to your host device.



3. If your host device does not connect via USB-C, use the included USB-C to USB-A adapter as shown below.

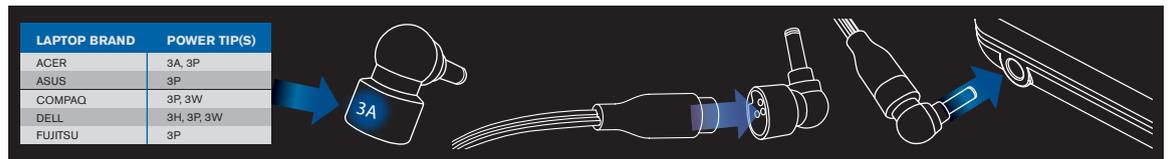


Power Setup

1. Locate the correct power tip (test fit in laptop if needed)

2. Connect to the power cord

3. Connect to your laptop and docking station



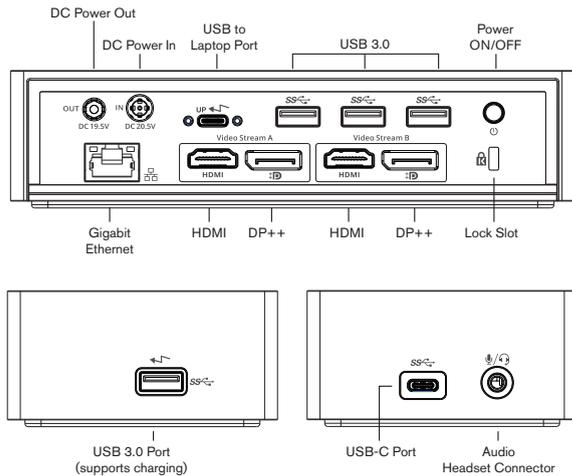
LAPTOP BRAND	POWER TIP(S)
ACER	3A, 3P
ASUS	3P
COMPAQ	3P, 3W
DELL	3H, 3P, 3W
FUJITSU	3P

LAPTOP BRAND	POWER TIP(S)	LAPTOP BRAND	POWER TIP(S)
ACER	3A, 3P	GATEWAY	3A, 3P
ASUS	3P	HP	3H2, 3P, 3W
COMPAQ	3P, 3W	IBM/LENOVO	3I2, 3P, 3X9
DELL	3H, 3P, 3W	TOSHIBA	3P
FUJITSU	3P		

Specifications

- 2 x DisplayPort (DP++; DP1.2) / HDMI Port (HDMI 2.0)
- 4 x USB 3.0 downstream ports (port marked with ⚡ supports BC 1.2 and iOS device charging at 2.4A max)
- 1 x USB-C upstream port with supporting Power Delivery 2.0 Profile 5 (up to 100W max. charging)
- 1 x USB-C downstream port (USB 3.0, data transfer only)
- Gigabit Ethernet
- Audio In/Out ports (3.5mm headset connector)
- Security lock slot
- USB-C cable
- LED Power Indicator
- Power ON/OFF button
- DC Power In: 20.5V, 150W
- DC Power Out: 19.5V 90W max

Docking Station Diagram



System Requirements

Hardware

- Thunderbolt 3 or USB-C port
- Power Delivery charging support requires host computer support Power Delivery 2.0 charging (up to 100W max)

Operating System (any of the following)

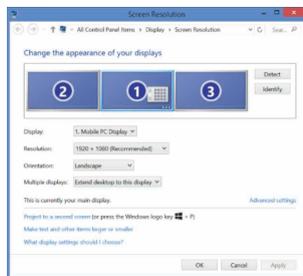
- Microsoft Windows® 7, Windows® 8, Windows® 8.1, or Windows® 10 (32/64-bit)
- Mac OS® X v10.8 or later
- Android 5.0 or later
- Chromebooks
- Ubuntu 14.04.x LTS and 16.04 LTS on x86 platform

Visit www.targus.com for a list of the latest compatible operating systems

Windows Setup

To ensure the best Windows performance, please be sure to update your host PC Display Adaptor and USB 3.0 Drivers. These updates are often available from your IT department or from the PC manufacturer if you have Administrator rights to download and install drivers for your PC.

Welcome to your Targus Universal Docking Station DisplayLink Manager. The DisplayLink Manager software, if not already installed, can be downloaded from a Windows Update server or from www.targus.com. It is represented by the  icon in the Windows Task Tray and allows you to easily connect additional monitors to your laptop or desktop via the Targus Docking Station. Using the Windows Control Panel Display Screen Resolution window, the connected monitors can be configured to either mirror your main screen, or extend the Windows desktop allowing visibility of more applications at the same time. The DisplayLink USB Graphics devices can also be configured to be the main display.



The DisplayLink Manager allows full configuration of all additional USB displays, including:

- Support for addition USB Displays in Windows 7, 8, 8.1, 10 and later
- Resolution up to 4096 x 2160 for Displayport or HDMI
- Display orientation and location modification
- Layout of displays

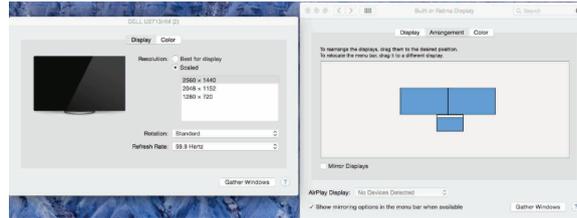
DisplayLink software also provides drivers for Sound and Ethernet built-in. These can also be selected in the Windows Control Panel.

OS-X Setup

Upon installation of the DisplayLink software for OS-X available at www.targus.com, Macbook users can use the System Preferences for Displays to adjust the external monitors. OS-X allows configuration of all additional USB displays, including:

- Support for additional USB Displays in OS-X 10.9 or later
- Resolution up to 4096 x 2160 for Displayport or HDMI
- Display orientation and location modification
- Layout of displays

DisplayLink software also provides drivers for Sound and Ethernet built-in.



Android Setup

Install the DisplayLink Desktop application for Android 5.0 and later from the Google Play Store. Enable USB Debugging/Host mode on your Android device.

Technical Support

For technical questions, please visit:

US

Internet: <http://targus.com/us/support>

Australia

Internet: <http://www.targus.com/au/support>

Email: infoaust@targus.com

Telephone: 1800-641-645

New Zealand

Telephone: 0800-633-222

Latin America

Email: soporte@targus.com

Product Registration

Targus recommends that you register your Targus accessory shortly after purchasing it. Go to:

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 operations.

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.

Declaration of Conformity

Hereby, Targus declares that this device is in compliance with the essential requirements and other relevant provisions of Directive: 2014/30/EU and 2014/35/EU.

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. 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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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.