DELLTechnologies

Dell Pro 16 Plus thin client solution

PB16250

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Scalable performance in a sleek design

Scalable performance in a sleek design

Pair your Dell Pro 16 Plus with Dell ThinOS* and confidently access VDI and DaaS environments. Experience enhanced productivity with a spacious 16" display and numeric keypad for effortless data entry, combined with scalable security in a sleek aluminum chassis.

Bold design
Crafted with an aluminum top cover and palmrest, this mobile and space-saving design is both durable and sleek.

Whisper-quiet performance
Enjoy powerful performance without the added fan noise thanks to a thermal solution designed to keep your laptop running smooth and quiet, wherever you work.

Commercial-grade durability
Built to travel with you, our laptops undergo rigorous MIL-STD H testing to ensure reliability for your fleet.

Most secure thin client solution with Dell ThinOS[1]
No sensitive data or personal information exposed on the local device. With a closed architecture, system hardening to limit attack surfaces, unpublished APIS, and encrypted data and files exclusively packaged by Dell, ThinOS is virus and malware-resistant

Work confidently
Optional fingerprint readers[2], smartcard readers[2] and FIPS 140-2 capability ensure robust VDI session security.

Variety of display options
Displays that fit your needs with options to upgrade to QHD+, ComfortView Plus, Touch and more.

Clear conferencing
Unleash your best self, even in challenging lighting conditions, with up to a 5MP IR camera[4] featuring HDR technology.

Long-lasting battery life
Easily work from anywhere without being tethered to an outlet.

Breakthrough innovation in sustainable a design:
- Built with a modular USB-C port secured by screws, improving durability and enabling easier repairs.[3]
- Intentionally designed to lower environmental impact with low-impact packaging, innovation with sustainable materials, responsible IT asset retirement, and environmental certifications and registrations that demonstrate our commitment to climate- related and energy-efficiency standards.

See it all
Enjoy more room for productivity with sleek, narrow borders on a spacious 16:10 aspect ratio display with 5% more screen space than a 16:9 aspect ratio.

Nimble navigation
Thoughtfully crafted for professional workforces with a full-size numeric keypad, roomy touchpad and palm rest for ample space to quickly navigate through tasks.

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Sustainable innovation

Built with sustainable materials

Designed with innovative materials like recycled and low emissions aluminum in the top cover and palmrest, up to 50% post-consumer recycled plastic in the inner frame of top and bottom covers and speaker housing and 98% post-consumer recycled plastic in the battery frame, 46% bio-based rubber bumpers, 28% recycled ocean-bound plastic in the fan housing and 10% recycled glass in the panel.[1]
Extending Dell's leadership in recycled cobalt, and based on the chosen configuration, Dell Pro Plus notebooks may ship with batteries made with 80% less cobalt or 50% recycled cobalt.[2]

Leading design for PC longevity

This laptop is designed with a modular main board and I/O board for easier access to help reduce e-waste.[3] World's first commercial PC design with a modular USB-C port with up to 4 times better twist resistance and up to 33 times better impact resistance, improving durability and enabling easier repairs.[4]

Dell also makes it easy to access and replace parts to get the most life out of our products.
Parts, Batteries & Upgrades >

Packaging with purpose

Ships in packaging with 100% recycled or renewable materials[5] with multipack options for easier unboxing and reduced transportation and packaging waste.[6]

Seamlessly transition from old to new technology

We can help you responsibly and securely retire your legacy IT equipment, regardless of brand, while addressing your sustainability goals.
Asset Recovery Services >

EPEAT GOLD | ENERGY STAR | TCO CERTIFIED [7]

Up-level your thin client experience with Dell Displays and Accessories

Fuel productivity and collaboration with a complete Dell ecosystem that is designed and tested to work Better Together with your Dell Pro Plus laptop.

A Dell Pro 27 Plus Video Conferencing Monitor - P2724DEB

B Dell Pro 7-in-1 USB-C Travel Hub - DA310

C Dell Pro Plus Keyboard and Mouse - KM7321W

D Dell Pro Plus Wireless ANC Headset - WL5024

E Dell Pro 14-16 Plus EcoLoop Slim Backpack - CP5724S

F Dell Pro Thunderbolt 4 Smart Dock - SD25TB4*

▶ Discover more Dell desk solutions

* Dell ThinOS supports the basic functionalities of the Smart Dock SD25TB4. However, some advanced capabilities are not supported.

D&LL Technologies

Your thin client solution in 3 easy steps

Meet the evolving needs of the workforce and increase efficiency without compromising on security with Cloud Client Workspace software and Dell thin client solutions. Pair our thin client software options with industry-leading Dell Pro systems for a personalized VDI endpoint solution delivering smarter user experiences and stronger security.

(1) Select the Thin Client Software

Dell ThinOS[1]

The most secure thin client OS* is purpose-built for VDI to deliver a simplified end-user and IT experience.

Learn More ›

Windows 11 IoT Enterprise LTSC[1]

Power and familiarity of Windows® in a thin client optimized by Dell with robust security features and flexible management options.

Learn More ›

(2) Choose a Form Factor

Laptop, All-in-One and desktop form factor options give you the freedom to create a personalized virtual workspace. Work in confidence anywhere and enable a more productive and collaborative VDI experience with our new premium devices[2].

OptiPlex 3000 Thin Client

The OptiPlex 3000 Thin Client delivers a quiet, durable computing experience and makes it easier to multi-task.

Dell Pro 24 All-in-One [35W] (QC24251)

Sleek, space-saving All-in-One thin client solution that combines performance with collaboration features.

Dell Pro 14 (PC14250)

Work confidently with this reliable laptop equipped with essential performance features.

Dell Pro 16 Plus[3] (PB16250)

Boost productivity with a large 16" display and a numeric keypad for data entry accuracy.

(3) Add Wyse Management Suite Pro

An enterprise-class solution that provides modern and secure management of all your Dell thin client solutions from anywhere. Securely manage a distributed workforce with a hybrid cloud solution designed to meet all deployment levels.

▶ Click here to learn more about Cloud Client Workspace

* Based on Dell analysis of Dell ThinOS in Appliance Mode vs. competitive products, January 2025. CLM-006980
1. Ofering may vary by country and by configuration and operating system. Some items may be available afterproduct introduction.
2. Product images are not to scale. Refer to specifications for accurate measurements
3. ThinOS 10 is a customer install option available for select configuration options and capabilities of the Dell Pro 16 Plus. ThinOS 10 can be manually installed from a USB key or deployed to units shipped with factory- installed Ubuntu 24.04 for Managed Clients. The required ThinOS 10 subscription license is sold separately.

DELLTechnologies

Simplify client refresh with Dell Services

Enabling every step of the system lifecycle

Dell Technologies APEX

1st

and most comprehensive[1]
As-a-service portfolio that spans from multi-cloud to client devices.
Experience the flexibility to transform your IT and deploy the latest technologies at predictable costs.

Dell APEX PC-as-a-Service[2]
Fully customizable monthly subscription that can include PCs, peripherals, software and services with no upfront investment.

Dell APEX PC-as-a-Service (PCAAS) >

ProDeploy Client Suite

PC refresh starts with getting new devices in the hands of your end-users. Dell ProDeploy Suite streamlines operations and increases productivity with configured PCs that are ready to use on day one with dynamic cloud-based provisioning and imaging.

When transitioning from old to new technology, ProDeploy Plus includes the ability to securely erase sensitive end-user data with sophisticated tools to sanitize devices and includes Asset Recovery Services for responsible retirement.

Dell ProDeploy Client Suite >

Modern Lifecycle Solutions

Dell Premier

324%

ROI over 3 years[5]
Modernize IT purchasing by shopping your catalog in a tailored online solution.
Gain control over the entire IT ecosystem to cut costs, standardize ordering, access analytics and more.

Dell Premier >

ProSupport Suite for PCs

ProSupport Suite is more than a 24/7 break-fix solution, it's a set of tools that automate and optimize your environment with little to no human intervention or end-user disruption.

Select from a robust library of Dell-authored scripts that correct company-wide issues quickly, minimizing remediation times and maintaining peak system performance. ProSupport Suite provides telemetry-driven data to arm IT with insights and make targeted updates, all controlled from a single dashboard.

ProSupport Suite for PCs >

Asset Recovery Services

2.8B

Pounds of electronics recovered through all recovery programs since 2007[3]
Let Dell help you securely and responsibly retire your old IT equipment - regardless of brand – to allow for a seamless transition from old to new technology, while protecting both your business and the planet.

Asset Recovery Services >

⚠️ 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 16 Plus PB16250
THIN CLIENT OPERATING SYSTEM	Dell ThinOS is a customer install option with Dell Pro 16 Plus configured with Ubuntu 24.04 for Managed Clients (only selected configuration options and capabilities are supported).Dell Pro 16 Plus should be ordered with pre-installed Ubuntu 24.04 for Managed Clients, then converted to Dell ThinOS version 10 using Wyse Management Suite Pro (requires ThinOS subscription and Wyse Management Suite Pro subscription licenses sold separately). For more information, contact your Dell Sales representative.
DISPLAY[1]	16" 16:10 FHD+ (1920 x 1200), 60Hz, IPS, Non-Touch, Anti-Glare, 300 nit, 45% NTSC, 6-bit + FRC 16" 16:10 FHD+ (1920 x 1200), 60Hz, IPS, Touch (No cover glass), Anti-Glare, 300 nit, 45% NTSC, 6-bit + FRC 16" 16:10 QHD+ (2560 x 1600), 120Hz, IPS, Non-touch, Anti-Glare, 300 nit, 100% sRGB , 8-bit + FRC, ComfortView Plus (Low Blue Light)
PROCESSOR OPTIONS[1]	Intel® Core™ 3 processor 100U 10M Cache, up to 4.70 GHz Intel® Core™ 5 processor 120U 12M Cache, up to 5.00 GHz Intel® Core™ 5 processor 220U 12M Cache, up to 5.00 GHz (SIPP) Intel® Core™ Ultra 5 processor 225U 12M Cache, up to 4.80 GHz Intel® Core™ Ultra 5 processor 235U 12M Cache, up to 4.90 GHz (SIPP) * The Intel® SIPP (Intel® Stable IT Platform Program) aims for zero changes to key platform components and drivers for at least 15 months or until the next genera-tional release, reducing complexity for IT to effectively manage their computing endpoints
MEMORY OPTIONS[1]	8 GB DDR5, 5600 or 5200 MT/s*, single-channel 16 GB DDR5, 5600 or 5200 MT/s*, single or dual-channel 32 GB DDR5, 5600 or 5200 MT/s*, single or dual-channel *5200 MT/s with 13th Gen Intel® Core™ processors and 5600 MT/s with Inte₁® Core™ Ultra
STORAGE OPTIONS[1, 4]	256 GB, M.2 2230, TLC PCIe Gen 4 NVMe, SSD 512 GB, M.2 2230, TLC PCIe Gen 4 NVMe, SSD 512 GB, M.2 2230, QLC PCIe Gen 4 NVMe, SSD
GRAPHICS[1]	Intel® graphics
PORTS, SLOTS & CHASSIS[1,12]	2 x USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 and Display Port 2.1 2 x USB 3.2 Gen 1 (1x with PowerShare) 1 x HDMI 2.1 1 x Micro SD 4 .0 Card Reader 1 x Optional external nano SIM card tray (WWAN support with Dell ThinOS is coming soon) 1 x Optional Contacted Smart Card Reader 1 x Global Headset jack 1 x Wedge Shaped Lock Slot 1x RJ-45, 1 GbE
SECURITY[1]	Standard Security Features: TPM 2.0 FIPS-140-2 Certified / TCG Certified Chassis intrusion switch - Remotely detects hardware tampering Camera Shutter Security Lock Slot Optional Security Features: Contacted Smart Card reader* with ControlVault 3+ Advanced Authentication with FIPS 140-3 Level 3 Certification Contactless (NFC) Smart Card reader* with ControlVault 3+ Advanced Authentication with FIPS 140-3 Level 3 Certification FIPS 201-certified Fingerprint Reader (on Palmrest) * Fingerprint and Smart Card Readers options can be ordered with the Dell Pro 16 Plus. However, these features will not be supported by ThinOS 10 at the time of product launch. Support for these features is coming soon. For additional compatibility information, please refer to the Operating System Release Notes on Dell com (Support > Manuals and Documentation).
CONNECTIVITY OPTIONS[1]	Wireless LAN Options[5] Intel® AX211 Wi-Fi 6E 2x2, BT 5.3 Wireless Card MediaTek Wi-Fi 7 MT7925 2x2, BT 5.4 Wireless Card (Dell ThinOS will not support Wi-Fi 7 at launch and will operate on WiFi 6E/6 speeds. – Intel® Core™ Ultra 200U Series only) Mobile Broadband Options[6] (support with ThinOS is coming soon.)
CAMERA OPTIONS[1]	FHD HDR Camera, 1080p HDR video, Temporal Noise Reduction, Camera Shutter FHD + IR HDR Camera, 1080p HDR video, Temporal Noise Reduct ion, Camera Shutter 5MP + IR HDR MIPI camera (availability planned for late April 2025 with Intel® Core™ Ultra 200U Series only)
AUDIO & SPEAKERS	2 x 2W Speakers
MICROPHONE[1]	2 x Microphones
BATTERY OPTIONS[1,7,8]	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™ 3 cell 55 Wh, Li-ion, ExpressCharge 1.0™ , ExpressCharge Boost™ , Long Life Cycle, 3-year limited hardware warranty
POWER OPTIONS[1]	60W Ultralight Mini adapter , Type-C 60W Ultralight Mini adapter , Type-C, 2-pin (Japan only) 65W adapter , Type-C 100W adapter , Type-C

FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER	Dell Pro 16 Plus PB16250 - CONTINUED
CHASSIS MATERIAL & COLOR	Aluminum, Platinum Silver
TOUCHPAD	Precision Clickpad with multi-touch gesture support
INPUT[1]	Optional 10-Finger Touch Display Spill Resistant Non-Backlit AI Hotkey Keyboard* Spill Resistant Backlit AI Hotkey Keyboard* * (AI hotkey not supported with Dell ThinOS)
DIMENSIONS & WEIGHT[1,9,10]	Width: 14.1" / 358 mm Depth: 9.9" / 251 mm Height : 0.84" / 21.35 mm Screen to Body ratio: 87.9% Weight : starting from 4.06 lb / 1.84 kg
WHAT'S IN THE BOX	Dell Pro 16 Plus Power Adapter Power Cable Quick Start Guide

Legal disclaimers

Page 2

1. Based on Dell analysis of Dell ThinOS in Appliance Mode vs. competitive products, January 2025.
2. Support for the fingerprint and smartcard reader options is coming May 2025 in ThinOS release 10
3. Applies to Dell Pro, Dell Pro Plus, and Dell Pro Premium notebooks launching in 2025. Based on internal comparison of the solder connection on Latitude 7450 vs screwed connection testing data of the Dell Pro Premium laptop subject to a repeated standard wrenching torque in multiple directions. New USB-C port design is as screwed on connection for easier repairs and improved durability. Read warranty information for USB-C port replacement instructions.
4. Configurations with 5MP IR camera not available at launch. Availability planned for late April 2025 with Intel® Core™ Ultra 200U Series only. Feature availability timelines will vary based on region and laptop configuration.

Page 3 - Sustainable innovation

1. Based on internal analysis, November 2024. 50% Low emissions and 50% recycled aluminum in the top cover and palmrest. Cobalt reduction in the battery (45 whr) is 80% reduced cobalt use in NCM battery technology compared with LCO battery technology.
2. Based on internal analysis. Entry battery (45 whr) uses NCM technology and has 80% lesser cobalt compared to LCO technology. Upsell battery (55 whr) is made with 50% recycled cobalt.
3. Based on internal analysis, November 2024.
4. Applies to Dell Pro, Dell Pro Plus ,and Dell Pro Premium note books launching in 2025. Based on internal comparison of the solder connection on Latitude 7450 vs screwed connection testing data of the Dell Pro Premium laptop subject to a standard repeated axial load and a standard wrenching torque in multiple directions. New USB-C port design is as screwed on connection for easier repairs and improved durability. Read warranty information for USB-C port replacement instructions.
5. Contains up to 93% recycled content and up to 7.2% renewable content in the form of sustainably forested materials. Excludes optional items added to order and included in box.
6. Based on internal analysis, November 2024.
7. Based on internal analysis, November 2024. Based on EPEAT Climate+ Designations achieved in all applicable countries. EPEAT registered where applicable. EPEAT registration varies by country. See EPEAT for registration status and tier levels.

Page 6

1. Based on Dell internal analysis, April 2023. Payment solutions provided and serviced by Dell Financial Services L.L.C. or its affiliate or designee ("DFS") for qualified customers. Offers may not be available or may vary in certain countries.Where available offers may be changed without notice and are subject to product availability, applicable law, credit approval, documentation provided by and acceptable to DFS and may be subject to minimum transaction size. Offers not available for personal, family or household use.Dell Technologies and the Dell Technologies logo are trademarks of Dell Inc. Restrictions and additional requirements may apply to transactions with governmental or publi centities.At the end of the contract, the customer may renew the contract or return the equipment to DFS.
2. DellTechnologies has recovered 2.8 billion pounds of electronics since 2007. Source: Based on Dell internal analysis of publicly available data, April 2023.
3. Based on a ForresterTotal Economic Impact™ Study Commissioned by Dell Technologies and AMD, "The Total Economic Impact™ Of Dell Premier," February 2024. Full study: TheTotal Economic Impact™ of Dell Premier

Page 7-8

1. Offering may vary by country, hardware configuration, and/or operating system.
2. GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with pre loaded material and operating environment and will be less than stated.
3. WiFi 7 requires the latest Wi-Fi Alliance certification, certified device driver, hardware update, supported OS version and compatible router. Router requires a separate purchase. Wi-Fi 7 connectivity is only available in select locations. Check availability with your service provider. The Bluetooth wireless card version may vary depending on the operating system that is installed on your computer. Dell ThinOS will not support Wi-Fi 7 at launch and will operate on WiFi6E/6 speeds when configured for WiFi 7.
4. Mobile Broadband antenna and module available only at time of system purchase. Mobile Broadband subject to service provider's broadband subscription and coverage area; additional charges apply. eSim technology subject to regional carrier/service provider availability & service provider's data plan subscription; additional charges apply. Check availability with your service provider.
5. The stated Watt Hour (Wh) is not an indication of battery life. Express Charge 1.0 (EC1.0) enables quick battery charging to 80% capacity in 60 minutes or 100% capacity in 120 minutes. Express Charge Boost (ECB) enables quick battery charging to 35% capacity in 20 minutes. Charging patterns for EC1.0 and ECB are measured for the system in a shut down state. Long life cycle battery options have a charging pattern that enables longer life. Long-life cycle battery options are capable of 3 years life or 1000 discharge/ charge cycles, and Dell provides a 3-year limited hardware warranty for these battery options.
6. Limited Hardware Warranty: For copy of Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com warranty.
7. Height may vary depending on configuration. Height represents the maximum system thickness excluding the system rubber feet.
8. Weights vary depending on configuration and manufacturing variability.