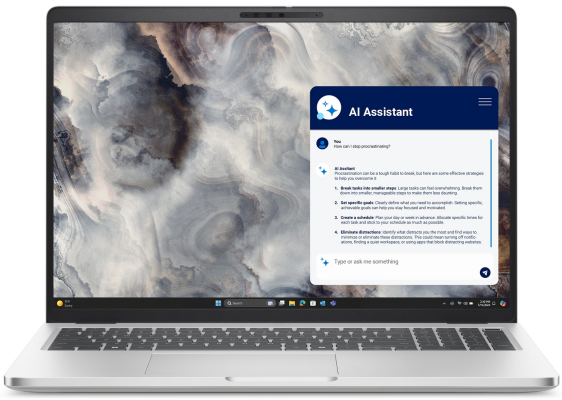
ComX Computers
Product Specification Sheet

BTO206_PB16250

Dell Pro 16 Plus V PC16250 Core Ultra 2 Notebook Ultra 7 268V 5.0GHz 32GB 512GB 16" WUXGA Arc 140V BT Win 11 Pro

Product Overview

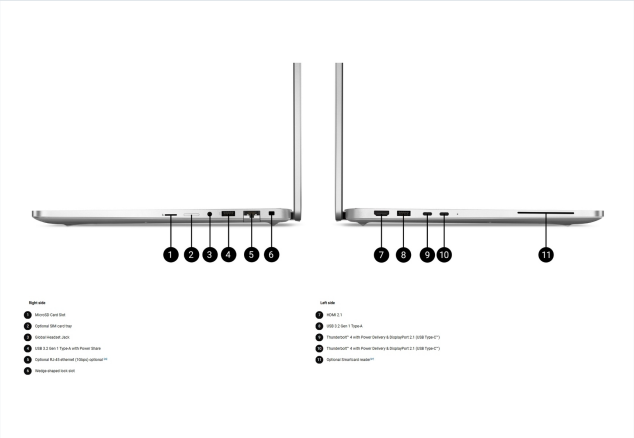
Dell Pro 16 Plus V PC16250 Series Core Ultra Series 2 BTO206_PB16250 Silver Notebook, Intel Core Ultra 7 268V Series 2 Eight (8) Core Lunar Lake Turbo Boost up to 5Ghz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 32GB LPDDR5 Memory onboard, Supports 16GB Max Mem, No memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 16" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 300nits LED Backlit Display, Intel Arc Graphics 140V, Intel AI Boost 48 TOPS, Wi-Fi 7, Bluetooth, Webcam, 3 Cell Battery, Fingerprint Reader, Backlit Keyboard, Full Size Keyboard with Numpad, 2x Thunderbolt 4 (40 Gbps) with DisplayPort 2.1 Alt Mode / USB Type-C / USB4 / Power Delivery ports, 2x USB 3.2 Gen 1 Type-A port, HDMI output, Micro SD Card Reader, Wedge-shaped lock slot, Copilot Key, 1.9 kg, Microsoft Windows 11 Professional 64 bit, 3 Year Next Business Day On-site warranty











Specifications

Summary Overview:

The Dell Pro 16 Plus PB16250 laptop delivers powerful performance and sleek design for professionals in South Africa looking to elevate their productivity. Equipped with the Intel Core Ultra 7 processor, 32GB of LPDDR5 memory, and a 512GB SSD, this 16-inch FHD+ laptop handles demanding tasks and AI workloads with ease. Enjoy seamless connectivity with Wi-Fi 7, Thunderbolt 4 ports, and long battery life for uninterrupted work. Shop now to upgrade your workstation with cutting-edge technology.

Customers reviewing this series appreciate its high-speed performance and AI capabilities, especially suitable for content creators, business executives, and tech-savvy users. Many note its quiet operation, responsive keyboard, and vibrant display as major advantages for multitasking and digital collaboration.

Laptop performance tier: High-end professional

Uses: Business productivity, AI workloads, content creation, video conferencing, multitasking, office applications, digital design, software development

Overview:

Dell Pro 16 Plus 16-inch Business Laptop (PB16250)

The Dell Pro 16 Plus is a modern 16-inch business laptop designed for performance, AI acceleration, and everyday productivity in professional environments. Built around Intel Core Ultra Series 2 processors, it combines strong computing power with efficient thermal design and advanced on-device AI capabilities. This model is aimed at users who need reliable performance for multitasking, conferencing, and content-driven workloads in a durable and portable form factor.

With a premium aluminum finish and a large immersive display, it balances professional styling with practical usability. The system is configured for enterprise-grade workloads while still remaining suitable for general office use, hybrid work, and mobile productivity.

Features:

Performance and AI computing power

Powered by the Intel Core Ultra 7 268V processor (8 cores: 4 performance cores and 4 efficiency cores), this laptop is designed for responsive computing and AI-accelerated tasks. Turbo boost speeds reach up to 5GHz, supported by a 12MB L3 cache for fast data access.

Key performance components include:

- Intel Arc Graphics 140V for advanced visual performance
- Intel AI Boost up to 48 TOPS for local AI workloads

- Optimised architecture for multitasking and real-time processing
- Enhanced efficiency for longer battery performance

The integrated CPU, GPU, and NPU architecture allows workloads such as transcription, noise reduction, and content creation to run efficiently on-device.

Memory and storage configuration

This system is equipped with high-speed onboard memory and fast solid-state storage for responsive performance.

- 32GB LPDDR5 memory (onboard, non-upgradable)
- 512GB PCIe M.2 SSD storage
- No optical drive included

This configuration is suited for business users handling large files, multitasking across applications, and cloud-based workflows.

Display and design quality

The Dell Pro 16 Plus features a 16-inch WUXGA (1920 x 1200) IPS display with a 16:10 aspect ratio, providing more vertical screen space for productivity.

Display highlights:

- 300 nits brightness for indoor and office environments
- Anti-glare IPS panel for comfortable viewing
- Narrow bezels for a larger viewing area

The chassis is constructed with aluminium on the top cover and palm rest, offering durability and a professional finish. The system is designed to meet rigorous durability standards while maintaining a lightweight, portable profile.

Connectivity and ports

This laptop supports modern connectivity standards for fast data transfer and flexible peripheral support.

Wireless and networking:

- Wi-Fi 7 for high-speed wireless connectivity
- Bluetooth support
- Optional mobile broadband support

Ports include:

- 2x Thunderbolt 4 USB-C (40Gbps, Power Delivery, DisplayPort 2.1)
- 2x USB 3.2 Gen 1 Type-A
- HDMI output
- MicroSD card reader
- Optional RJ-45 Ethernet
- Headphone/microphone combo jack
- Wedge-shaped lock slot

Productivity and security features

Designed for business productivity, the Dell Pro 16 Plus integrates tools for hybrid work and enterprise management.

- Windows 11 Pro operating system
- Copilot key for instant AI assistance
- Fingerprint reader for secure login
- Backlit full-size keyboard with numpad
- Optional 5MP HDR webcam with privacy shutter

AI-enhanced applications and enterprise tools support video conferencing, collaboration, and system management. Intel vPro platform support provides additional security and remote management capabilities for IT environments.

Dimensions and build quality

This laptop is designed for portability without sacrificing screen size.

- Weight: 1.84 kg
- Thickness: approximately 19.85 mm to 21.35 mm
- Width: 358 mm
- Depth: 251.4 mm

The thermal system is engineered for quiet operation, supporting sustained workloads with minimal noise disruption.

Battery and efficiency

The system delivers extended battery life improvements compared to previous generations, supporting long working sessions with reduced charging frequency. Efficiency gains come from Intel Core Ultra architecture and AI-optimised power management.

Sustainability and materials

The Dell Pro 16 Plus is built with environmentally conscious materials and manufacturing practices, including recycled aluminium and ocean-bound plastics. It is designed to meet modern sustainability certifications and reduce environmental impact across its lifecycle.

Specifications:

Processor	Intel Core Ultra Series V Processor
Operating System	Windows 11 Pro, Copilot+ PC
Graphics Card	Integrated Intel Arc graphics
Display	16", Non-Touch, FHD+, 300 nit, 45% NTSC, Anti-Glare, FHD+IR Cam
Memory	LPDDR5x, 8533 MT/s (onboard)
Storage	M.2 PCIe TLC SSD
Keyboard	English US backlit Copilot key keyboard with numeric keypad
Ports	2 Thunderbolt 4 (40 Gbps) with DisplayPort 2.1 Alt Mode/USB Type-C/USB4/Power Delivery ports
	1 USB 3.2 Gen 1 Type-A port with PowerShare
	1 USB 3.2 Gen 1 Type-A port
	1 HDMI 2.1 port
	1 global headset jack
	1 RJ45 Ethernet port, 1GbE (only with Core Series and Core Ultra 200U Series CPUs)
Slots	1 microSD-card slot
	1 wedge-shaped lock slot
	1 nano-SIM card slot (optional)
	1 Smart card reader slot (optional)
Dimensions & Weight	Height (front): 0.78 in. (19.85 mm)
	Height (rear): 0.81 in. (20.55 mm)
	Height (maximum): 0.84 in. (21.35 mm)
	Width: 14.09 in. (358.00 mm)
	Depth: 9.89 in. (251.40 mm)
	Starting weight (minimum): 4.06 lb (1.84 kg)
Touchpad	Multi-touch gesture-enabled precision touchpad

Camera	1080p at 30 fps, FHD HDR RGB camera, Dual-array microphones
	1080p at 30 fps, FHD RGB-IR HDR camera, Dual-array microphones
	1440p at 30 fps, 5M RGB-IR HDR camera, Dual-array microphones, Ambient light sensor, Presence Detection
Audio and Speakers	Stereo speakers with Cirrus Logic codec for audio processing, 2W x 2 = 4W total
Chassis	Aluminum Laptop
Wireless	Intel Wi-Fi 7 BE201, 2x2, 802.11be, Bluetooth 5.4 wireless card
Primary Battery	3-cell, 55 Wh, ExpressCharge Capable, ExpressCharge Boost Capable
Power	65W AC adapter, USB Type-C
Palmrest	No Fingerprint Reader, No Smart Card Reader, No RJ-45

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/Buy-Notebooks-Laptops-BTO206_PB16250-Dell-Pro-16-Plus-V-PC16250-Core-Ultra-2-Notebook-lp-342072.php

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