ComX Computers
Product Specification Sheet

C78E8AT

HP 250R G10 Core Ultra Notebook Core 3 100U 4.7Ghz 8GB 512GB 15.6" FULL HD Intel Graphics BT Win 11 Pro

Product Overview

HP 250R G10 Series Core Ultra C78E8AT Silver Notebook, Intel Core 3 100U Six (6) Core Raptor Lake Turbo Boost up to 4.7Ghz 10MB L3 Cache Processor (2 Perfomance Cores & 4 Efficient), 8192MB (8GB) DDR4-3200 SO-Dimm Memory (1x8192), Supports 32GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 15.6" FULL HD (1920 x 1080 resolution) Non Gloss Type IPS, 250nits LED Backlit Display, Intel Graphics, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 3 Cell Battery, Full Size Keyboard with Numpad, 2x USB 3.2 Gen 1.0 Type-A ports 5Gbps, 1x USB 3.2 Gen 2.0 Type-C charging port 10Gbps (USB Power Delivery / DisplayPort 1.4 / data transfer), HDMI output, 1.6 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Carry in warranty











Specifications

Summary Overview:

The HP 250R G10 15.6 inch laptop is a practical choice for professionals, students, and home users who want reliable performance in a clean, lightweight design. Powered by an Intel Core 3 processor with fast SSD storage and a Full HD display, it handles everyday computing with ease, from office work and online meetings to browsing and media. With Windows 11 Pro, modern connectivity, and a full-size keyboard with numpad, it's ready to support your daily workflow. Shop now and enjoy dependable productivity in a portable form factor.

Customer reviews of the HP 250 series often highlight its solid build quality, comfortable keyboard, and dependable performance for everyday tasks. This range is especially popular with small business owners, remote workers, students, and corporate users who need a straightforward, affordable laptop for work, study, and general use without unnecessary extras.

Laptop performance tier: Entry-level productivity

Uses: Office work, remote work, studying, online meetings, web browsing, email, document editing

Overview:

The HP 250R 15.6 inch G10 notebook is designed for everyday business, study, and productivity needs, combining modern performance with a clean, professional design. Built for users who need reliability and speed without unnecessary complexity, this laptop delivers smooth multitasking, fast connectivity, and a comfortable workspace for long hours of use. Its slim profile and lightweight build make it easy to carry between meetings, classes, or remote work locations.

Powered by an efficient Intel Core 3 100U processor and paired with fast DDR4 memory and a PCIe solid state drive, the HP 250R G10 offers responsive performance for office tasks, web applications, content creation, and virtual meetings. The large Full HD display provides clear visuals and ample screen space, making it suitable for spreadsheets, presentations, and multitasking workflows.

Features:

Designed for daily productivity

The HP 250R G10 is built to support consistent performance throughout the workday. With its Intel Core processor and fast storage, apps launch quickly and multitasking feels smooth, even when working with multiple browser tabs and business tools.

- Intel Core 3 100U six-core processor up to 4.7GHz
- 8GB DDR4 memory with support for expansion
- 512GB PCIe SSD for fast boot and load times
- Intel integrated graphics for everyday visual tasks

Comfortable viewing and workspace

The 15.6 inch Full HD IPS display offers sharp detail, wide viewing angles, and anti-glare coating, making it comfortable for long working sessions. The full-size keyboard with numpad provides a familiar layout for data entry and office work.

- 1920 x 1080 Full HD resolution
- IPS panel with anti-glare finish
- Full-size keyboard with numpad
- Large touchpad with multitouch support

Built for business environments

Designed for modern workflows, the HP 250R G10 supports fast networking, secure access, and professional communication tools. It performs well in office, hybrid, and remote working setups.

- Windows 11 Professional operating system
- Wi-Fi 6 and Bluetooth connectivity
- Gigabit Ethernet LAN
- Built-in webcam and dual microphones

Connectivity that fits your workflow

This notebook includes a wide range of ports for displays, accessories, and charging, making it easy to integrate into any workspace setup at home or in the office.

- USB Type-C charging and data port
- Two USB Type-A ports
- HDMI output for external displays
- Headphone and microphone combo jack

Portable, practical, and reliable

With a slim chassis and lightweight design, the HP 250R G10 is easy to carry while still offering a large screen and full keyboard layout. Its durable build quality makes it suitable for everyday use in demanding environments.

- Lightweight design starting around 1.6 kg
- Slim and professional silver finish
- Durable construction tested for daily use
- Long-life internal battery for mobile productivity

The HP 250R 15.6 inch G10 notebook is an ideal choice for professionals, students, and business users looking for a dependable laptop that balances performance, portability, and value. It delivers the essential tools needed for modern work, learning, and communication in a clean, practical design that fits seamlessly into everyday life.

Specifications:

Operating system	
Preinstalled (Windows)	Windows 11 Pro
	Windows 11 Home
	Note:
	HP recommends Windows 11 Pro for Business.
Preinstalled (other)	FreeDOS
Processors	
Intel Core 7-150U	Up to 5.4 GHz Performance-core Max Turbo frequency
	12 MB L3 cache, 10 cores, and 12 threads
Intel Core 5-120U	Up to 5.0 GHz Performance-core Max Turbo frequency
	12 MB L3 cache, 10 cores, and 12 threads

Intel Core 3 -100U	Up to 4.7 GHz Performance-core Max Turbo frequency
	10 MB L3 cache, 6 cores, and 8 threads
Memory	
Standard	(2) SODIMM slots (not accessible or upgradeable)
	System runs at 3200 MT/s
	Dual Channel Memory support
Configurations	16 GB (2 x 16 GB) DDR4-3200 MT/s RAM
	16 GB (1 x 8 GB) DDR4-3200 MT/s RAM
	8 GB (1 x 8 GB) DDR4-3200 MT/s RAM
	8 GB (1 x 8 GB) DDR4-3200 MT/s RAM
Maximum memory	16 GB
Graphics	
Integrated	Intel Graphics
	Note:
	View Ultra High Definition images with Ultra High-definition (UHD) content.
Display	
Nontouchscreen display panel options	39.6 cm (15.6 in) diagonal, FHD, UWVA, eDP, IPS, antiglare, narrow bezel, 300 nits, 45% NTSC (1920 x 1080)
	39.6 cm (15.6 in) diagonal, FHD, SVA, eDP, IPS, antiglare, narrow bezel, 250 nits, 45% NTSC (1920 x 1080)
	39.6 cm (15.6 in) diagonal, HD, SVA, eDP, antiglare, narrow bezel, 250 nits, 45% NTSC (1366 x 768)
HDMI port support	Resolutions up to 1920 x 1200 external resolution at 60 Hz
Storage/drives	
Primary Solid-State Drive (SSD) options	1 TB PCIe Gen 4.0 x4 NVMe SSD
	512 GB PCIe Gen 4.0 x4 NVMe SSD
	256 GB PCIe Gen 4.0 x4 NVMe SSD
Networking/communication	
Wireless LAN (WLAN) options	Intel AX201 Wi-Fi 6 and Bluetooth 5.2 Wireless Card 2230 non-vPro
	Realtek M.2 2230 8852BE-VT Wi-Fi 6 and Bluetooth 5.4 Wireless card
	Note:
	Wi-Fi 6 is backwards compatible with prior 802.11 specs.
	You require a wireless access point and internet service. Limited public wireless access points are available. The specifications for the 802.11 WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it might affect the ability of the notebook to communicate with other 802.11 WLAN devices.
Native Miracast support	Compatible with Miracast certified devices (for Windows 11)
Ports	

Ports	(2) USB 3.2 Gen 1.0 Type-A ports , 5 Gbps signaling rate
	(1) USB 3.2 Gen 2.0 Type-C charging port , 10 Gbps signaling rate (USB Power Delivery, DisplayPort 1.4, data transfer, HDMI 1.4 output, HP Sleep & Charge)
	(1) Headphone/microphone combo jack
	(1) HDMI v1.4b
	(1) Power connector
Audio/multimedia	
Audio	(2) Integrated stereo speakers
	Integrated dual array microphone
Speaker	2 Watt/4 ohm (per speaker)
Camera	1080p FHD Camera with temporal noise reduction
	720p HD Camera with temporal noise reduction
Keyboard/pointing device/function keys	
Keyboard	Full size, textured island-style keyboard with Copilot keyboard
	Optional backlight keys and spill-resistance
Pointing device	Touchpad with multitouch gesture support
Function keys	F1: Open How to get help in Windows 11 webpage
	F2: Brightness down
	F3: Brightness up
	F4: Display switching
	F5: Blank
	F6: Mute
	F7: Volume down
	F8: Volume up
	F9: Previous
	F10: Play or Pause
	F11: Next
	F12: Airplane mode
	Hidden function keys:
	Fn + R: Break
	Fn + S: System requests
	Fn + C: Scroll lock
Software/security	

Software	Microsoft Office OPK
	WPS Office CMIT
	Dropbox Promotion
	sMedio True DVD for HP
	Adobe offer
	HP Documentation
	HP Privacy Settings
	HP Support Assistant
	HP Connection Optimizer
	HP PC Hardware Diagnostics Windows
	Touchpoint Customizer for Consumer
	HP Setup Integrated OOBE
	Booking URL
	Agoda URL
	HP Smart
	HSA Telemetry for Consumer
Manageability features	HP System Event Utility
Security management	McAfee
Security Trusted Platform Module (TPM)	TPM 2.0 Embedded Security chip
	HP BIOS Recovery
Power	
Power adapter	HP Smart 65 W USB Type-C adapter
	HP Smart 65 W External AC power adapter
	HP Smart 65 W EM External AC power adapter
	HP Smart 45 W External AC power adapter
	Note:
	Availability might vary by country/region.

Primary battery	HP Long Life 3-cell, 41 Wh Li-ion polymer
	Note:
	Actual battery Watt-hours (Wh) varies from design capacity. Battery capacity naturally decreases with shelf life, time, usage, environment, temperature, system configuration (apps, features, power management settings, wireless), and other factors.
	Note:
	Battery is internal and not replaceable. Serviceable by warranty.
	HP Fast Charge Technology (50% in 30 minutes)
	Note:
	Recharges up to 50% within 45 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. After charging has reached 50% capacity, charging speed returns to normal. Charging time might vary +/-10% due to system tolerance.
Power cord	1.0 m (3.28 ft) power cord
Physical specifications	
Weight	Starting at 1.59 kg(3.5 lb)
	Note:
	Weight varies by configuration and components.
Dimensions (W x D x H)	35.98 x 23.6 x 1.85 cm (14.17 x 9.29 x 0.73 in) (front)

Product Information Online

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

Product page: https://www.comx.co.za/Buy-Notebooks-Laptops-C78E8AT-HP-250R-G10-Core-Ultra-lp-333951.php

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