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 Silver Notebook delivers reliable performance for professionals, students, and remote workers in South Africa. Featuring an Intel Core i3 six-core processor, 8GB DDR4 memory, and a 512GB SSD, it ensures smooth multitasking, fast boot times, and ample storage for daily tasks. The Full HD IPS display and lightweight 1.6 kg design make it perfect for on-the-go productivity. Shop now to experience a balance of speed, portability, and affordability.

Users praise the HP 250R G10 series for its efficient performance, comfortable keyboard, and solid build quality. Ideal for office workers, students, and light multimedia users, this series consistently receives positive feedback for its reliable everyday use and responsive Intel Core processors.

Laptop performance tier: Mid-range performance

Uses: Office work, remote work, study, browsing, multimedia playback, light multitasking

Overview:

HP 250R G10 15.6-Inch Notebook - Silver

The HP 250R G10 Series Notebook combines performance, portability, and reliability in a sleek, professional design. Ideal for business professionals, students, and remote workers, this laptop delivers essential features for everyday computing.

Powerful Intel Core Processor for Smooth Performance

Equipped with an Intel Core i3-100U six-core Raptor Lake processor, the HP 250R ensures fast and responsive performance. With 2 performance cores and 4 efficient cores, turbo boost up to 4.7GHz, and a 10MB L3 cache, it handles multitasking, productivity apps, and everyday workflows effortlessly.

Features:

Memory and Storage for Efficient Workflow

This laptop comes with 8GB DDR4-3200 memory (expandable up to 32GB) across two memory slots, providing room for growth as your needs increase. The 512GB PCIe SSD storage allows lightning-fast boot times, quick access to files, and ample space for your applications.

Brilliant 15.6-Inch Full HD Display

Enjoy sharp visuals on the 15.6-inch Full HD IPS display with 1920 x 1080 resolution and 250 nits of brightness. The non-gloss panel reduces reflections, making it comfortable for extended work sessions. Intel integrated graphics provide clear visuals for presentations, videos, and general productivity tasks.

Seamless Connectivity and Ports

Stay connected wherever you work with advanced networking features, including Wi-Fi 6 for fast wireless performance,

Bluetooth, and Gigabit Ethernet. Multiple ports allow easy connection to peripherals:

- 2x USB 3.2 Gen 1 Type-A (5Gbps)
- 1x USB 3.2 Gen 2 Type-C with power delivery, DisplayPort 1.4, and data transfer (10Gbps)
- HDMI output for external displays

Security and Durability You Can Trust

The HP 250R is built to withstand everyday challenges. MIL-STD testing ensures durability, while Enhanced Sign-in Security (ESS) offers biometric authentication to protect sensitive data. A spill-resistant keyboard helps safeguard against minor accidents, keeping your workflow uninterrupted.

Designed for Productivity and Collaboration

Running Windows 11 Professional 64-bit, this notebook provides a smooth, secure, and collaborative experience. The HP HD webcam with Wide Dynamic Range (WDR) ensures you always look your best during virtual meetings, even in varying lighting conditions.

Lightweight and Portable

Weighing just 1.6 kg, the HP 250R is easy to carry between meetings, classrooms, or remote workspaces. The full-size keyboard with numpad enhances typing comfort, while the 3-cell battery provides reliable power for your day-to-day tasks.

Why Choose the HP 250R G10 Notebook?

- Affordable, business-ready laptop with modern performance
- Expandable memory and fast SSD storage
- Full HD display with anti-glare panel for extended use
- Reliable connectivity with Wi-Fi 6 and multiple ports
- Enhanced security features and durable design
- Lightweight and portable for on-the-go productivity

Experience productivity without compromise with the HP 250R G10 Series Notebook - a versatile and reliable laptop designed for modern work environments.

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-329648.php

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