

**HP OmniBook 5  
AI 16-af1216nw  
Intel Core Ultra  
7 255U Laptop  
40.6 cm (16) 2K  
Display 16 GB  
LPDDR5x  
SDRAM 512 GB  
SSD Wi-Fi 6E  
(802.11ax)  
Windows 11  
Home AI PC  
Silver**



Model: C1LT3EA

Manufacturer: HEWLETT-PACKARD

EAN: 199485080468

Product Code: 299917

**R17,463**

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Manufacturer warranty: 2-Year (2/2/0) Limited Warranty includes 2 years of parts and labor. No on-site repair available. Terms may vary by country. Some limitations and exclusions apply. | Package weight: 2.52 kg | Memory clock speed: 7467 MHz | Processor cores: 12 | On-board graphics card model: Intel® Graphics | Processor model: 255U | Audio system: DTS:X Ultra | Display surface: Gloss | Built-in microphone: Yes | Combo headphone/mic port: Yes | Trusted Platform Module (TPM): Yes | Internal memory type: LPDDR5x-SDRAM | Processor boost frequency: 5.2 GHz | AC adapter input voltage: 100 - 240 V | Package height: 305 mm | Native aspect ratio: 16:10 | HD type: 2K | Package depth: 504 mm | Discrete graphics card model: Not available | Bluetooth: Yes | Maximum internal memory: 16 GB | Display diagonal: 40.6 cm (16") | Processor family: Intel Core Ultra 7 | Processor cache: 12 MB | Display resolution: 1920 x 1200 pixels | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | Front camera: Yes | Optical drive type: No | Product colour: Silver | Antenna type: 2x2 | Motherboard chipset: Intel SoC | Package width: 63 mm | Memory form factor: On-board | LED backlight: Yes | Processor threads: 14 | Weight: 1.77 kg | Display bezel technology: Micro-Edge | Total storage capacity: 512 GB | Internal memory: 16 GB | HP Audio Boost: Yes | Display response rise/fall: 0.2 ms | HP Support Assistant: Yes | Low Power Efficient-cores: 2 | RGB colour space: DCI-P3 | Mobile network connection: No | SSD interface: PCI Express 4.0 | Product design: Modern | Sustainability compliance: Yes | AC adapter power: 65 W | On-board GPU manufacturer: Intel | AI software frameworks supported by NPU: OpenVINO | Windows Studio effects support: Yes | HDMI version: 2.1 | Display diagonal (metric): 40.6 cm | Neural processor unit (NPU): Intel AI Boost | AI software frameworks supported by NPU: ONNX RT | Front camera HD type: Full HD | USB Sleep-and-Charge: Yes | Depth: 254.8 mm | Low Power Efficient-core Max Turbo Frequency: 2.4 GHz | USB Type-C charging port: Yes | Front camera resolution: 1920 x 1080 pixels | Battery life (max): 13 h | Panel type: OLED | WLAN controller model: Intel Wi-Fi 6E AX211 | USB Type-C DisplayPort Alternate Mode: Yes | General Product Safety Regulation (GPSR) URL: <https://support.hp.com/gb-en/product/setup-user-guides/hp-deskjet-2700-all-in-one-printer-series/model/31598160?sku=5AR83B&serialnumber=5AR83B> | AI software frameworks supported by NPU: DirectML | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | HP Artificial Intelligence: AI PC | Built-in speaker(s): Yes | Wi-Fi standards: Wi-Fi 6E (802.11ax) | Discrete graphics card: No | HP Imagepad: Yes | Product type: Laptop | Battery capacity: 59 Wh | USB Power Delivery (USB PD): Yes | Efficient-core Max Turbo Frequency: 4.2 GHz | Processor base power: 15 W | Display brightness: 300 cd/m<sup>2</sup> | SSD form factor: M.2 | Pointing device: Touchpad | Sustainable technologies and materials: Mercury free | Maximum turbo power: 57 W | Pre-installed software: HP Audio Switch HP Documentation HP Setup Integrated

**Oobe Win10 HP Support Assistant HP System Event Utility McAfee LiveSafe™ Buy Office (sold**

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separately) HP JumpStarts Xerox® DocuShare® 90 da | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Performance cores: 2 | Processor manufacturer: Intel | SSD capacity: 512 GB | Performance-core base frequency: 2 GHz | Height (front): 1.79 cm | AI software frameworks supported by NPU: Windows ML | UNSPSC-code: 43211503 | Fast charging time (50%): 30 min | NVMe: Yes | Number of built-in speakers: 2 | Low Power Efficient-core Base Frequency: 700 MHz | Memory layout (slots x size): Not available | Keyboard backlit: Yes | Processor generation: Intel Core Ultra (Series 2) | Number of microphones: 2 | DCI-P3 coverage: 95% | Performance-core Max Turbo Frequency: 5.2 GHz | HP segment: Home | Microphone in: Yes | On-board graphics card: Yes | USB Sleep-and-Charge ports: 2 | HP Connection Optimizer: Yes | HP speaker type: HP Dual Speakers | On-board graphics card family: Intel® Graphics | Number of SSDs installed: 1 | Password protection: Yes | Numeric keypad: Yes | Bluetooth version: 5.3 | NPU performance up to: 12 TOPs | Full-size keyboard: Yes | Colour name: Glacier Silver | Wi-Fi: Yes | HP GTIN (EAN/UPC): 888182569252, 888182569351 | Original brand name: HP | Touchscreen: No | Processor cache type: L3 | Operating system installed: Windows 11 Home | Storage media: SSD | AC adapter frequency: 50 - 60 Hz | WLAN controller manufacturer: Intel | Fast charging: Yes | HP Software provided: HP 3D DriveGuard HP Audio Switch HP CoolSense HP JumpStart HP Support Assistant | Number of battery cells: 3 | Efficient-core base frequency: 1.7 GHz | Sparsity support: Yes | Efficient cores: 8 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 2 | Introduction year: 2025 | Colour gamut: 95% | Keyboard included: Yes | Battery technology: Lithium Polymer (LiPo) | Width: 357.7 mm | Total SSDs capacity: 512 GB | HDMI ports quantity: 1

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