



DELL Latitude 3450 Intel® Core™ i7 i7-1355U Laptop 35.6 cm (14") Full HD 8 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Latitude

Product code:
L34517RPE16512W11P1WXCTO

Product name : 3450

DELL Latitude 3450. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1355U. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey. Weight: 1.5 kg



| Design | | Network | |
|--------------------------------------|--------------------------|---|-------------------------------|
| Product type * | Laptop | Antenna type | 2x2 |
| Product colour * | Grey | WLAN controller model | Intel Wi-Fi 6E AX211 |
| Form factor * | Clamshell | WLAN controller manufacturer | Intel |
| Market positioning | Business | Ethernet LAN | ✓ |
| Display | | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Display diagonal * | 35.6 cm (14") | Bluetooth | ✓ |
| Display resolution * | 1920 x 1080 pixels | Ports & interfaces | |
| Touchscreen * | ✗ | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3 |
| HD type | Full HD | USB4 Gen 2x2 ports quantity | 1 |
| Panel type | IPS | Ethernet LAN (RJ-45) ports | 1 |
| LED backlight | ✓ | HDMI ports quantity * | 1 |
| Native aspect ratio | 16:9 | Combo headphone/mic port | ✓ |
| Anti-glare screen | ✓ | PowerShare | ✓ |
| Display brightness | 250 cd/m ² | Number of USB ports with PowerShare support | 1 |
| Pixel pitch | 0.161 x 0.161 mm | Keyboard | |
| Pixel density | 157 ppi | Pointing device | Touchpad |
| RGB colour space | NTSC | Keyboard language | English |
| Colour gamut | 45% | Numeric keypad * | ✗ |
| Display response rise/fall | 35 ms | Spill-resistant keyboard | ✓ |
| Maximum refresh rate | 60 Hz | Software | |
| Contrast ratio (typical) | 700:1 | Operating system architecture | 64-bit |
| Processor | | Operating system language | English, Spanish, French |
| Processor manufacturer * | Intel | Trial software | Microsoft Office 30 Day Trial |
| Processor family * | Intel® Core™ i7 | Operating system installed * | Windows 11 Pro |
| Processor generation | 13th gen Intel® Core™ i7 | Brand-specific features | |
| Processor model * | i7-1355U | Brand specific technologies | Express Charge Boost capable |
| Processor cores | 10 | Battery | |
| Processor threads | 12 | Number of battery cells | 3 |
| Processor boost frequency | 5 GHz | Battery capacity * | 42 Wh |
| Performance cores | 2 | Battery voltage | 11.4 V |
| Efficient cores | 8 | Battery recharge time | 4 h |
| Performance-core Max Turbo Frequency | 5 GHz | | |
| Efficient-core Max Turbo Frequency | 3.7 GHz | | |
| Processor cache | 12 MB | | |

| | | | |
|--------------------------------|---|--|--|
| Processor | | Battery | |
| Processor cache type | Smart Cache | Fast charging | ✓ |
| Processor base power | 15 W | Battery weight | 190 g |
| Maximum turbo power | 55 W | Power | |
| Memory | | AC adapter power | 65 W |
| Internal memory * | 8 GB | AC adapter frequency | 50/60 Hz |
| Internal memory type | DDR5-SDRAM | AC adapter input voltage | 100 - 240 V |
| Memory form factor | SO-DIMM | USB Type-C charging port * | ✓ |
| Memory layout (slots x size) | 1 x 8 GB | USB charging voltage | 20,5,9,15 V |
| Memory slots | 2x SO-DIMM | USB charging current | 3.25 A |
| Maximum internal memory * | 64 GB | Security | |
| Memory channels | Single-channel | Cable lock slot | ✓ |
| Memory data transfer rate | 5200 MT/s | Cable lock slot type | Wedge |
| Storage | | Trusted Platform Module (TPM) | ✓ |
| Total storage capacity * | 512 GB | Trusted Platform Module (TPM) version | 2.0 |
| Storage media * | SSD | Operational conditions | |
| Total SSDs capacity | 512 GB | Operating temperature (T-T) | 0 - 40 °C |
| Number of SSDs installed | 1 | Storage temperature (T-T) | -40 - 65 °C |
| SSD capacity | 512 GB | Operating relative humidity (H-H) | 0 - 90% |
| SSD interface | PCI Express | Storage relative humidity (H-H) | 0 - 95% |
| NVMe | ✓ | Operating altitude | -15.2 - 3048 m |
| SSD form factor | M.2 | Non-operating altitude | -15.2 - 10668 m |
| SSD performance class | 25 | Operating shock | 140 G |
| Optical drive type * | ✗ | Operating vibration | 0.66 G |
| Card reader integrated | ✗ | Certificates | |
| Graphics | | Compliance certificates | EcoDesign |
| Discrete graphics card model * | Not available | Sustainability | |
| On-board graphics card * | ✓ | Sustainability certificates | ENERGY STAR, EPEAT Climate +, EPEAT Silver |
| On-board GPU manufacturer | Intel | Weight & dimensions | |
| Discrete graphics card * | ✗ | Width | 322.2 mm |
| On-board graphics card family | Intel Iris Xe Graphics | Depth | 219.4 mm |
| On-board graphics card model * | Intel Iris Xe Graphics | Height (front) | 1.77 cm |
| Audio | | Height (rear) | 1.93 cm |
| Audio chip | Realtek ALC3204 | Weight * | 1.5 kg |
| Audio system | MaxxAudio Pro | Carbon footprint | |
| Number of built-in speakers | 2 | Total carbon footprint (kg of CO2e) | 111 |
| Speakers manufacturer | Waves | Carbon emissions, manufacturing (kg of CO2e) | 82 |
| Speaker power | 2 W | Carbon emissions, logistics (kg of CO2e) | 4 |
| Built-in microphone | ✓ | Carbon emissions, energy usage (kg of CO2e) | 23 |
| Number of microphones | 2 | Carbon emissions, end-of-life (kg of CO2e) | 2 |
| Camera | | Total carbon emissions, w/o use phase (kg of CO2e) | 88 |
| Front camera | ✓ | PAIA version | GaBi version 1, 2024 |
| Front camera resolution | 1920 x 1080 pixels | Packaging content | |
| Front camera HD type | Full HD | Cables included | AC |
| Privacy camera | ✓ | | |
| Privacy type | Privacy shutter | | |
| Network | | | |
| Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) | | |
| Wi-Fi standards | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) | | |
| Mobile network connection * | ✗ | | |
| Wi-Fi data rate (max) | 2400 Mbit/s | | |



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