



NB Z14I CU5- 125U 14 16GB/256G 11P Z4K1Q2CA BTX DURABOOK



Model: Z4K1Q2CA_BTX

Manufacturer: DURABOOK

Product Code: 551167

R66,937

Powered by an Intel® Core™ Ultra processor with integrated NPU AI engine, the Z14I fully rugged laptop unlocks new AI PC experiences to boost productivity, security and efficiency.

Built to withstand even the harshest environments, the Z14I's IP66 rating protects against dust and water ingress, while MIL-STD 810H certification and six-foot drop resistance make it the most rugged device on the market. The Z14I has also been tested for explosive atmosphere, solar radiation, salt fog, and fungus resistance, going beyond standard testing for other rugged devices in its class.

The Z14I includes Durabook's proprietary DynaVue® technology and high-definition multi-touch screen to provide the highest contrast ratio, helping to eliminate internal reflections for enhanced viewing clarity from multiple angles and in bright sunshine or low light conditions.

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Built for the modern professional, the Z14I delivers an unparalleled user experience by providing AI-enhanced power and mobility that invites users to embrace a new era in AI computing.

UNLOCK NEW AI PC EXPERIENCES

The next wave of rugged computing is here. The Z14I empowers organizations within the utilities, field services, manufacturing and security sectors to enhance field operations with on-device AI capabilities. Equipped with an integrated Intel® Core™ Ultra neural processor unit (NPU) for AI acceleration, the Z14I is well-suited for field operations, unmanned aerial vehicle (UAV) control, real-time analytics, and on-site project duties.

Its rugged yet fanless design ensures seamless mobility while delivering incredible generative AI experiences directly to your PC.

AI COMPUTING POWER

Powered by the latest Intel® Core™ Ultra 5/7 processor featuring Intel® AI Boost and Windows 11, the Z14I is a powerful and performance-packed AI PC. Designed by the leading rugged technology manufacturer, the Z14I delivers optimal power efficiency, productivity and immersive experiences to professionals who need top-notch performance and AI capability in a portable 14-inch chassis right at the edge. With the option of a dedicated NVIDIA® RTX A500, the Z14I can be transformed into the ultimate solution for specific tasks, such as graphics rendering, architectural illustrations and AI applications, delivering up to 100 TOPS in AI acceleration.

BUILT FOR ALL ENVIRONMENTS

With invincible mechanical design and rigorous component selection, the Z14I can seamlessly adapt to any environment, even in temperatures ranging from sub-freezing -29°C (-20°F) to extreme heat of 63°C (145°F). MIL-STD-810H-certified, the Z14I's additional features include explosive atmosphere, solar radiation, salt fog, and fungus resistance, and the device is also certified for IP66 and boasts a six-feet drop guarantee. In addition, the Z14I has MIL-STD-461G certification and Coolfinity™ fanless thermal design, making it more rugged than ever.

SUPERB CONNECTIVITY & SECURITY

The ultimate in smart device versatility, the Z14I offers different types of interfaces with numerous add-ons, including two Thunderbolt™ 4, two RJ-45 ports, two RS-232 serial ports, ExpressCard 54 and dual SIM (one Nano SIM slot & one eSIM). In addition, USB options offer all capabilities of USB 3.2

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Gen2 to USB 2.0.

The Z14I's advanced security features include a range of multi-factor authentication options, such as a smart card reader and optional Windows Hello webcam, RFID/NFC reader and fingerprint scanner.

VIEWING AT ITS BEST

The Z14I's 14-inch Full HD display, along with DynaVue® technology, reveals every visual image detail at a glance. In addition to brightness of up to 1200 nits, superior light-filtering technology makes the Z14I the market's leading rugged laptop with the highest contrast ratio (CR), which helps eliminate reflections and enhances viewing clarity under even the brightest sunlight.

The 10-point capacitive multi-touch panel has four touch modes (Glove, Stylus, Water, Finger), so it is optimized for both indoor and outdoor use, enhancing the device's usability regardless of work conditions.

PERFECT DESIGN FOR MOBILITY

The Z14I offers superior mobility and connectivity in the field and comes with cellular options of 4G LTE or 5G, Bluetooth® V5.4 and Wi-Fi 7 communication for seamless connectivity. With optional built-in GPS it provides accurate location tracking and geographic overviews for remote workers. Designed with field operation in mind, it can operate for up to 12.5 hours with a single battery and even up to 21.5 hours in dual-battery setup. The Z14I also features an optional bridge battery, allowing users to hot-swap batteries in the field without shutting down the application.

DEDICATED MICROSOFT COPILOT KEY

Utilizing the dedicated Microsoft Copilot key, users can promptly activate edge AI capabilities. This feature enhances real-time communication and collaboration within your workspace, offers multilingual support, and streamlines everyday task automation. The new Z14I empowers workers to leverage the substantial productivity advantages of AI-based applications. The dedicated Microsoft Copilot key ensures quick activation of AI capabilities whenever and wherever needed, revolutionizing the way we work and interact with technology.

STORAGE REVOLUTION

The Z14I features two removable quick-release NVMe PCIe SSD storage drives, allowing users to swap SSDs in seconds without needing any tools. This provides field professionals with an added layer of security, making it the ideal device for those operating in specific industries where security

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and efficiency are paramount.

In addition, the Z14I device provides a media bay for several setup options, such as an optical disk drive, a second battery or a third storage drive.

ENDLESS CUSTOMIZATION POSSIBILITIES

The Z14I's expansion box is one of its most powerful features. From a workstation to a portable server, the expansion box provides either two slots of PCIe interface, a dedicated graphics card, military-grade connectors or storage security extension with RAID 0/1/5/10 configurations. With simple guidance, it can also be installed in the field to become a powerful portable server or the ultimate solution for specific tasks.

The unit's endless configuration possibilities guarantee users the power, flexibility, functionality, and data security that they need for their specific applications.

Summary: Durabook Z14I. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125U. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Graphics. Operating system installed: Windows 11 Pro. Product colour: Black | Vendor Homepage: [https://www.durabook.com/en/products/z14i-fully-rugged-](https://www.durabook.com/en/products/z14i-fully-rugged-laptop/?_gl=1*ovs3p1*_up*MQ..*_gs*MQ..&gclid=Cj0KCQiAhOfLBhCCARIsAJPiopNRjWv_4Dso6N2F6KBVtQuO)

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cc05b50b-7791cb06-8d2d | Gaminio tipas: Nešiojamas kompiuteris | Produkto spalva: Juoda | Forma: Knyga | Korpuso medžiaga: Magnis | Tvirta konstrukcija: Taip | Ekrano įstrižainė: 14 | Ekrano rezoliucija: 1920 x 1080 | HD tipas: „Full HD“ | Lietimui jautrus ekranas: Taip | Natūralus kraštinių santykis: 16:9 | Ekrano ryškumas: 1200 | Procesoriaus gamintojas: Intel | Procesoriaus šeima: Intel Core Ultra 5 | Procesoriaus karta: Intel Core Ultra (1 serija) | Procesoriaus modelis: 125U | Procesoriaus branduoliai: 12 | Temų skaičius: 14 | Procesoriaus padidintas dažnis: 4.3 | Dideli branduoliai: 2 | Maži branduoliai: 8 | Mažos galios efektyvumo branduoliai: 2 | Našumo branduolio didžiausias padidintas dažnis: 4.3 | Efektyvumo branduolio didžiausias padidintas dažnis: 3.6 | Mažos galios efektyvumo branduolio didžiausias padidintas dažnis: 2.1 | Didelio branduolio bazinis dažnis: 1.3 | Mažo branduolio bazinis dažnis: 0.8 | Mažos galios efektyvumo branduolio pagrindinis dažnis: 700 | Procesoriaus podėlis: 12 | Procesoriaus podėlio tipas: „Smart Cache“ | Didžiausias galingumas paspartintu režimu: 57 | Procesoriaus bazinė galia: 15 | Neuroninis procesorius (NPU): Intel AI Boost | Neužpildymo laipsnio palaikymas: Taip | „Windows Studio“ efektų palaikymas: Taip | NPU palaikomos DI programinės įrangos sistemos: DirectML/ONNX RT/OpenVINO/Windows ML | Vidinė atmintis: 16 |

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Vidinės atminties tipas: DDR5-SDRAM | Atminties formos koeficientas: SO-DIMM | Atminties laikrodžio greitis: 5600 | Atminties lizdai: 2x SO-DIMM | Maksimali vidinė atmintis: 64 | Iš viso talpa: 256 | Laikmena: SSD | Bendra SSD geba: 256 | SSD įdiegtų skaičius: 1 | SSD disko talpa: 256 | NVMe: Taip | SSD Drive sąsajos: PCI Express | SSD formos koeficientas: M.2 | Optinio įrenginio tipas: Ne | Integruotas kortelių skaitytuvas: Taip | Suderinamos atminties kortelės: MicroSD (TransFlash) | Diskretusis grafikos adapteris: Ne | Diskrečiojo grafikos adapterio modelis: Nepasiekiamo | Integruotas grafikos adapteris: Taip | Įtaisyto grafinio procesoriaus gamintojas: Intel | „On-board“ grafikos adapteris: „Intel Graphics“ | Integruoto grafikos adapterio modelis: „Intel Graphics“ | Audio sistema: „High Definition Audio“ | Įmontuotų garsakalbių skaičius: 2 | Įmontuotas mikrofonas: Taip | Priekinė kamera: Taip | Priekinės kameros rezoliucija (skaitmeninė): 2 | „Wi-Fi“ standartas: Wi-Fi 7 (802.11be) | Mobiliojo tinklo ryšys: Ne | Antenos tipas: 2x2 | WLAN valdiklio modelis: Intel Wi-Fi 7 BE200 | Ethernet LAN jungtis: Taip | Eterneto LAN duomenų perdavimo norma: 10/100/1000 | Bluetooth: Taip | Bluetooth versija: 5.4 | USB 2.0 portų kiekis: 1 | USB 3.2 (3.1 1 kart.) A tipo prievadų skaičius: 1 | „USB4 GEN 3x2“ prievadų skaičius: 2 | Ethernet LAN (RJ-45) portų kiekis: 2 | HDMI portų kiekis: 1 | HDMI versija: 2.1 | VGA (D-Sub) portų kiekis: 1 | „Intel® Thunderbolt 4“: Taip | Jungtinis ausinių / mikrofono prievadas: Taip | Jungimo konektorius: Taip | USB 3.2 2 kart. (3.1 2 kart.) A tipo prievadų skaičius: 1 | Serijinių portų kiekis: 2 | Klaviatūros apšvietimas: Taip | Skaitinė klaviatūra: Ne | Operacinės sistemos architektūra: 64 bitų | Numatyta operacinė sistema: Windows 11 Pro | Baterijos technologija: Ličio-jonų (Li-Ion) | Baterijos įtampa: 10.8 | Baterijos talpa: 6900 | Baterijos naudojimo laikas: 12.5 | AC adapterio galios sklaida: 90 | AC adapterio dažnis: 50 - 60 | AC adapterio įėjimo įtampa: 100 - 240 | DC įėjimo lizdas: Taip | USB „Type-C“ įkrovimo lizdas: Taip | Kabelio spynos lizdas: Taip | Laido spynos lizdo tipas: Kensington | Išmaniosios kortelės skaitytuvas: Taip | Patikimos platformos modulinė (TPM) versija: 2.0 | Patikimos platformos modulis (TPM): Taip | Darbo temperatūros diapazonas (TT): -29 - 63 | Sandėliavimo temperatūros norma (T-T): -51 - 71 | Darbo santykinės drėgmės diapazonas: 5 - 95 | Atitikties sertifikatai: RoHS | Plotis: 280 | Ilgis: 356 | Aukštis: 50 | Svoris: 3600 | SIM kortelės tipas: „NanoSIM“ + „eSIM“ | Bruto svoris: 5 | Neto svoris: 3.6 | Vienetų skaičius vienoje siuntimo dėžėje: 1 | Name: NB Z14I CU5-125U 14" 16GB/256G 11P Z4K1Q2CA BTX DURABOOK | Operacinė sistema: Windows 11 Pro | CPU Model Number: u5-125U | Procesorių šeimos pavadinimas: Intel Core Ultra

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