MOBILE PHONE ARMOR 28 ULTRA/THERMAL 16GB/1TB BLACK ULEFONE

Model: 28ULTRA TV BLACK

Manufacturer: ULEFONE

EAN: 6975326668231

Product Code: 1741132

R20,807

Unmatched Firsts and Record-Breaking Performance in A Rugged Phone

Wrist Watch Design

Honoring Timeless Adventure

A tribute to the indomitable spirit of the expedition with a watch-inspired design that transcends time. With camera modules centered around an embedded watch sub-screen, creating a sleek square dial appearance. The trio of cameras embodies vision, courage, and excellence, while the black and white spatial grid pattern of the strap reflects the classic outdoor gear, the enduring nature of exploration, and the pursuit of the unknown.

All Big Core CPU, the Most Powerful CPU

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MediaTek Dimensity 9300+ upgrades to a 4+4 all-big-core architecture, integrating Cortex-X4 super cores that run at speeds up to 3.4GHz, improving peak performance by up to 40%. Leveraging the cutting-edge 4nm process technology, it achieves a 33% reduction in power consumption, resulting in robust and efficient performance.

12-Core GPU + 2nd-Generation Hardware Ray Tracing Engine

Immortalis-G720 GPU, with its flagship 12 cores, enhances performance by 46% and reduces power usage by 40% for a smooth gaming session. Its upgraded second-generation hardware ray tracing technology optimizes lighting effects, boosting visual engagement and immersion in large 3D games.

16GB LPDDR5X + 1TB UFS4.0

Fastest Read and Write Speeds of RAM and ROM

LPDDR5X doubles the read speed to 8533 Mbps compared to LPDDR4X's 4266 Mbps, and UFS 4.0 writes at 4300MB/s, 100% faster than UFS 3.1. You will enjoy a smoother experience with ample 16GB RAM and 1TB storage, keeping apps active and eliminating storage anxiety.

Graphene Cooling

Calm and Efficient

To maintain the robust performance of the Armor 28 Ultra, an impressive 15,314 mm² cooling layer has been applied to the core surface. This can drop CPU and GPU temps by 4.6 degrees Celsius, ensuring more stable and enduring high-performance output.

Hardware-level Generative AI Engine

MediaTek's next-generation APU architecture incorporates a hardware-based generative AI engine, enhancing AI computations for speed and security. Multi-modal generative AI provides users with innovative experiences in generating text, images and more.

Third-Party AI Application Support

Thanks to the new generation AI engine, you can enjoy faster experiences when using AI applications such as Google Gemini. You can converse with Gemini to improve efficiency.

50MP Main Camera

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IMX989 1" Largest Sensor

Armor 28 Ultra arrives with a 1-inch type Sony IMX989 sensor that revolutionize the potential of your photography. With this super-sized sensor, your photos will boast the kind of detail that brings landscapes to life, nights to brilliance, and every snapshot to a level of vibrancy and sharpness that's unmatched.

8K Video Recording

Wow, That's So Clear

Benefit from its robust processor and advanced camera sensor, Armor 28 Ultra is the first rugged phone to offer 8K video recording, delivering superior clarity and detail compared to 4K and 1080P, matching the video quality of professional cameras to more vividly and accurately capture those memorable moments.

50MP Ultra-wide Macro Camera

Ultra Vision, Widens Your World

Designed to capture more of the world in a single frame, the 50MP macro-enabled ultra-wide lens, powered by the Samsung JN1 sensor, boasts a 117° field of view. It effortlessly shoots vast landscapes or crowded scenes with ease.

64MP Night Vision Camera

NightElf 3.0, Farther, Still Clear

Unveil the power of the 64MP Night Vision Camera, where the OMNIVISION OV64B sensor joins forces with Ulefone's cutting-edge NightElf Ultra 3.0 algorithm. Assisted by the upgrade to 4 infrared LEDs, your nights become illuminated with much more clarity and intricate detail, doubling the brightness and image quality when shooting farther compared to the previous 2 LEDs.

50MP Ultra Front Camera

Social Share, Shares Shine

Say hello to 50MP selfies that turn every vlog and chat into a dazzling visual experience. Now, your charming moments and adventures are shared in unparalleled detail, making every memory a feast for the eyes.

Snapshot Control Physical Key. Instant Shot.

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No need to unlock the screen; a long press will take you directly into the camera mode, and a gentle press will capture the moment instantly. Whether it's an exciting sports moment or a playful pet scene, you can easily record it all.

Industry Leading AI-Powered Thermal Imaging

AI computing is first introduced into thermal imaging, making smart image analysis a breeze with the powerful NPU driven by MediaTek Dimensity 9300+. This leads to a qualitative leap in image detail, and the next-gen AI thermal imaging technology is born.

The First of Its Kind

Independent Infrared ISP

Introducing the revolutionary standalone infrared ISP, a game-changer from traditional thermal imaging. Experience our first custom-designed chip that boosts image performance with a 50% faster output and improved response, independent color and contrast adjustments, no longer dependent on smartphone SoC processing power.

Thermal by ThermoVue T2

SharpenAI Algorithm Ulefone Armor28 Ultra Thermal Version

Upgrade to the latest ThermoVue T2 chip, which offers a thermal resolution 2.56 times higher than the previous generation. Powered by the SharpenAI algorithm, it achieves a remarkable 640 x 512 resolution, sharpening images by 17x. With ±2% accuracy, it clearly defines object contours, details, and temperature distributions, ideal for small target measurements and complex applications.

25Hz High Refresh Rate

Track Motion in Stunning Details

Upgrade to 25Hz for crisper visuals and smoother motion, ThermoVue T2 captures moving objects with exceptional clarity and seamless fluidity in photos and videos. Perfect for dynamic scenes, this high refresh rate brings your visuals to life like never before!

Empowered by AI Ulefone Armor28 Ultra Thermal Version

ThermoVue Pro

Dive into the ThermoVue Pro-class app experience, featuring an all-new UI interface that's more intuitive and offers smoother operations. With more operation modes empowered by AI, it provides a

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more professional tool for work and entertainment.

FusionAI Technology Ulefone Armor28 Ultra Thermal Version

Next-level Precision and Rich Images

Advanced from the previous generation, our dual-spectrum fusion technology has evolved to FusionAI enhancements. This innovation delivers thermal images with unprecedented accuracy and clarity.

Seeing the Unseen Anytime, Anywhere

Cutting through darkness and fog, this thermal camera reveals what's truly happening, making it essential for detecting temperature changes, finding leaks, and diagnosing issues invisible to the naked eye. It's your go-to for outdoor adventures, rescue missions, and beyond.

6.67" AMOLED Main Display Indulge at First Sight

Expansive 6.67" flexible AMOLED display technology is so engaging that it takes your breath away. Seamless 120Hz responsiveness brings you to the peak of the gaming. In ultra-bright mode, it can reach up to 900 nits, and peak at 2200 nits, ensuring clear readability even under strong direct sunlight.

1.04" Rear Sub-Display Customize Your Lavish Watch

With its premium flexible AMOLED display, the watch screen provides a touch of modernity. It offers touch controls, an always-on view for notifications, and a gateway to music and quick selfies. You can change the paper to customize your watch face to suit your style.

Dual Screen, Dual Excellence

Both the front and back screens have an always-on display for easy time and notification checks.

Intuitive Control

A shortcut to access music, photography, notifications, messages, battery status, and more.

IP68/IP69K, MIL-STD-810H Defender

With MIL-STD-810H and IP68/IP69K ratings against shocks, drops, dust, and water, Armor 28 Ultra still keeps a reliable connection even in the most hostile environments. It is a best companion for

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camping, hiking, and working on-site.

10600mAh Mega Battery Demanding Use for 2 Days

Charge once, explore for days. The Ulefone Armor 28 Ultra's monstrous 10600mAh battery and 7.74V high-voltage output ensure you have the power to conquer your wildest adventures. Engineered for safety and efficiency, providing a long charge life that stands up to the rigors of your daily routine.

120W Flash Charger

Fastest Wired Charging

Power up Armor 28 Ultra at a breakneck speed. Without battery anxiety, your device is always ready for action. Designed with the PD (PPS) protocol, offering versatility for a wide range of devices, even can fast charge the iPhone.

uSmart Expansion Connector More Stable and Efficient Work

Exclusive engineered for expansion connectivity of the device, this uSmart Connector has wide compatibility for uSmart E03, E02, E01 endoscopes and uSmart C01 microscope, providing stable connectivity and efficient work.

uSmart 2.0

The upgraded uSmart 2.0 technology allows the connector to work without interference with the charging function of the Type-C port.

Dual 5G Connectivity

Soak yourself in the future of connectivity with lightning-fast 5G speeds and expansive coverage.

Surges Ahead

Pioneering Wi-Fi 7 on Rugged Phone Yet

Dive into the era of Wi-Fi 7, where crazy fast 46.4 Gbps speeds make 8K streaming and cloud gaming a reality. Blazing speed, unmatched reliability, and a world of seamless digital experiences at your fingertips.

Latest Android 15 OS

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Advancing Your Smart Life

In Android 15, you are going to experience enhanced privacy with Private Space, share your screen selectively, and multitask efficiently with app pairs. Further more, the new Home Controls screensaver turns your docked device into a smart home hub, enabling convenient control over your connected devices.

USB 3.2 Gen 2 10Gbps

A USB 3.2 Dual Type-C Cable Included

Armor 28 Ultra supports the USB 3.2 Gen 2 transfer protocol, allowing you to easily transfer contents to a computer or storage device at speeds up to 10Gbps. We have included a USB 3.2 Gen 2 cable in the packaging, which you can use to directly cast your screen to supported displays, as well as charge your phone.

Your Exclusive Service Center

To elevate the caliber of our service, we have built a Service Center app in our device. You are easy access to supports such as FAQs, troubleshooting guides, and user manuals, and even leave us your questions and problems. This app can deliver product updates, and you can click into the mall to order products.

Unyielding Quality

Backed by rigorous durability, performance testing in diverse conditions, and stringent quality control measures at the Ulefone lab, Armor 28 Ultra is built to last, ready to face the elements head-on.

Summary: Ulefone Armor 28 Ultra Thermal Version. Display diagonal: 16.9 cm (6.67"), Display resolution: 1080 x 2400 pixels. Processor family: MediaTek Dimensity, Processor model: 9300+. RAM capacity: 16 GB, RAM type: LPDDR5X, Internal storage capacity: 1 TB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 14. Battery capacity: 10600 mAh. Product colour: Black. Weight: 450 g | Vendor Homepage: https://www.ulefone.com/products/armor-28-ultra-thermal-version | Forma: Plytelė | Produkto spalva: Juoda | Spalva:: Epic Black | Apsaugos ypatybės: Atsparumas šalčiui/Atsparus aptaškymui/Atsparus dulkėms/Atsparus vandeniui | Atsparumas vandeniui iki: 2 | Vidinės saugyklos talpa: 1000 | RAM talpa: 16 | RAM tipas: LPDDR5X | Suderinamos atminties kortelės: MicroSD (TransFlash) | Maksimalus atminties kortelės dydis: 2000 | Ekrano įstrižainė: 6.67 | Ekrano forma:

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Plokščias | Skydo tipas: AMOLED | Ekrano stiklo tipas: Corning Glass | „Gorilla Glass“ versija: Gorilla Glass Victus | Ekrano rezoliucija: 1080 x 2400 | Natūralus kraštinių santykis: 20:9 | Maksimalus atnaujinimo dažnis: 120 | Ekrano ryškumas: 2200 | Oleofobinė danga: Taip | Pikselių tankumas: 395 | Atsparus pirštų atspaudams: Taip | Antras ekranas: Taip | Antro ekrano įstrižainė: 1.04 | Antro ekrano rezoliucija: 340 x 340 | Didžiausias antrojo ekrano skaistis: 600 | Antro ekrano tipas: AMOLED | Antro monitoriaus ekrano atnaujinimo dažnis: 60 | Antrojo ekrano „Gorilla Glass“ versija: Gorilla Glass Victus | Procesoriaus šeima: MediaTek Dimensity | Procesoriaus modelis: 9300+ | Procesoriaus architektūra: ARM Cortex-X4+Cortex-A720 | Procesoriaus branduoliai: 8 | Dideli branduoliai: 4 | Maži branduoliai: 4 | Procesoriaus padidintas dažnis: 3.4 | Neuroninis procesorius (NPU): MediaTek NPU 790 | Galinės kameros jutiklio dydis: 1 | Galinės kameros rezoliucija (skaitmeninė): 50 | Antros galinės kameros rezoliucija (skaitmeninė): 64 | Trečios galinės kameros skiriamoji geba (skaitmeninė): 50 | Galinės kameros rezoliucija: 6144 x 8192 | Galinės kameros apertūros skaičius: 1.9 | Antros galinės kameros apertūros skaičius: 1.79 | Trečios galinės kameros diafragmos numeris: 2.2 | Galinės kameros pikselių dydis: 1.6 | Galinės kameros matymo lauko (FOV) kampas: 85.1 | Trečios galinės kameros matymo lauko (FOV) kampas: 117.3 | Galinės kameros objektyvo elementai: 8 elementų objektyvas | Priekinės kameros objektyvo elementai: 5 elementų objektyvas | Priekinės kameros tipas: Viena kamera | Priekinės kameros rezoliucija (skaitmeninė): 50 | Priekinės kameros apertūros skaičius: 2.45 | Priekinės kameros pikselių dydis: 0.64 | Priekinės kameros matymo lauko (FOV) kampas: 80.4 | Galinės kameros blykstė: Taip | Maksimalus kadrų dažnis: 60 | Vaizdo įrašymo režimai: 1080p/2160p/4320p/480p/720p | Galinės kameros tipas: Trigubas fotoaparatas | Veido aptikimas: Taip | Kameros didelio dinaminio diapazono (HDR) režimas: Taip | Foto efektai: Veidrodis | Automatinis laikmatis: Taip | Naktinis rėžimas: Taip | Panorama: Taip | Portreto režimas: Taip | Sulėtinto filmavimo režimas: Taip | Terminio vaizdo kamera: Taip | Terminio vaizdo kameros skiriamoji geba: 640 x 512 | Temperatūros matavimo diapazonas: -20 - 550 | Vietos SIM kortelėms: Dviguba SIM jungtis | Mobiliojo tinklo generavimas: 5G | SIM kortelės tipas: „NanoSIM“ | 3G standartai: WCDMA | 4G standartai: LTE-TDD & LTE-FDD | 5G standartas: Sub6 NR | „Voice over LTE“ (VoLTE) palaikymas: Taip | Duomenų tinklas: CDMA/GSM | „Wi-Fi“ standartas: Wi-Fi 7 (802.11be) | Wi-Fi standartai: 802.11a/802.11b/802.11g/Wi-Fi 4 (802.11n)/Wi-Fi 5 (802.11ac)/Wi-Fi 6 (802.11ax)/Wi-Fi 7 (802.11be) | Bluetooth: Taip | Bluetooth versija: 5.4 | Mažo nuotolio radijo ryšys (NFC): Taip | Prenumeratos tipas: Be prenumeratos | USB jungtis: C tipo USB | USB versija: 3.2 Gen 2 (3.1 Gen 2) | Ausinių jungtis: 3,5 mm | GPS (palydovinis): Taip | NavIC: Taip | „BeiDou“: Taip | GLONASS: Taip | „Galileo“: Taip | „Quasi-Zenith Satellite System“ (QZSS): Taip | Elektroninis kompasas: Taip | GPS: Taip | Spartusis įkrovimas: Taip | Belaidis įkrovimas: Taip | Belaidžio įkrovimo

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galia: 50 | Grafikos adapteris: Immortalis-G720 | Pirštų antspaudų skaitytuvas: Taip | Mikrofonų kiekis: 1 | Palaikomi audio formatai: AAC/AMR/FLAC/M4A/MKA/MP2/MP3/OGG/Vidurinė | Palaikomi vaizdo formatai: 3GP/MKV/MOV/MP4 | Palaikomi vaizdo formatai: BMP/JPEG/PNG | Palaikomi dokumentų formatai: HTML/TXT | Platforma: Android | Numatyta operacinė sistema: Android 14 | Baterijos technologija: Ličio polimeras (LiPo) | Išimama baterija: Ne | Baterijos talpa: 10600 | Tarptautinės apsaugos (IP) kodas: IP68, IP69K | Akcelerometras: Taip | Aplinkos šviesos jutiklis: Taip | Artimumo jutiklis: Taip | Giroskopas: Taip | Gravitacijos jutiklis: Taip | Geomagnetinis jutiklis: Taip | Infraraudonųjų spindulių jutiklis: Taip | Reikalinga įkrovimo galia (didž.): 120 | Reikalinga įkrovimo galia (maž.): 10 | Slėgio jutiklis: Taip | USB „Type-C“ įkrovimo lizdas: Taip | Žingsniamatis: Taip | Plotis: 83.6 | Ilgis: 19.4 | Aukštis: 174.15 | Svoris: 450 | Sertifikavimas: MIL-STD-810H | Kintamosios srovės adapteris: Taip | Ekrano apsauga: Taip | Garantijos kortelė: Taip | Instrukcija: Taip | Pridėti kabeliai: Iš C tipo USB į C tipo USB | Naudojimo innstrukcijos kalbos: Daugybė | Budėjimo laikas: 567 | Garso valdymas: Mygtukai | Kalbų palaikymas: Daugybė | Pokalbio laikas: 58 | Bruto svoris: 0.98 | Baterija: Lithium-Ion rechargeable | Neto svoris: 0.45 | Vienetų skaičius vienoje siuntimo dėžėje: 1 | Vieneto plotis: 11 | Shipping Box Height: 9 | Vieneto gylis: 20 | Vieneto aukštis: 9 | Name: MOBILE PHONE ARMOR 28 ULTRA/THERMAL 16GB/1TB BLACK ULEFONE | Model name: Armor 28 Ultra Thermal

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