



Comptek Computer Systems Pvt. Ltd.

(Mfrs. Of Industrial & Rugged Systems)

Comptek Armor 29 Pro Specifications

Images



Physical Characteristics

Color	Marvel Black
Material	PC + Aluminium
USB	Type-C, USB 2.0
Headphone Jack	3.5mm Headphone Jack
Expansion Connector	uSmart Expansion Connector 2.0, supports uSmart series accessories, allows simultaneous charging via the Type-C port while the uSmart Connector is in use.
Card Slots	3, 1x Nano-SIM + 1x Nano-SIM + 1x microSD
Keys	Right: Power button (Fingerprint)+Volume button+Camera Key, Left: Custom Key

Size & Weight

Product Size	177.35 x 85.6 x 33.8 mm / 6.98 x 3.37 x 1.33 inches
Product Weight	688g / 24.27 ounces
Package Size	108 x 198 x 97 mm / 4.25 x 7.8 x 3.82 inches

Ruggedness

Certification	IP68/IP69K/MIL-STD-810H
Splash, Water, and Dust Resistant	Maximum depth of 1.5 meters up to 30 minutes
Drop resistance	Up to 1.5m tall
Working Temperature	-20°C - 55 °C (-4°F - 131°F)

Main Display

Screen Size	6.67-inch
Screen Resolution	1080 x 2400 FHD+
Display Technology	AMOLED
AOD (always-on display) Mode	Support
Aspect Ratio	20:9
PPI	395
Brightness	2200nits(Peak Brightness), 900nits (HBN); 500nits (Typ)
Color Depth	10-bit
Refresh Rate	120Hz
Screen-to-Body Ratio	92%

Multi-touch	10	
Sub Display		
Screen Size	1.04-inch	
Screen Resolution	340 x 340 HD+	
Display Technology	AMOLED	
Aspect Ratio	/	
AOD (always-on display) Mode	Support	
PPI	/	
Brightness	Max 600 nits	
Color Depth	/	
Refresh Rate	60Hz	
Screen-to-Body Ratio	/	
Multi-touch	Single	
UI/Features	Interface Display	Default features include clock, compass, music, camera, and calendar. Users can add other apps through the settings menu. Interface switching is supported by swiping left or right.
	Watch Face	Customization of watch face wallpapers is available through the settings menu or by double-tapping on the sub-screen watch face, then swiping left/right and long-pressing to select a watch face wallpaper. Different watch face designs display various information such as digital clock, date, battery level, step count, and <u>air pressure</u> .
	Music Playback	Supports selection of different music apps. Displays music playback status and song title. Users can control play/pause, and navigate to the previous/next track. The media app's poster can be synchronized and displayed on the sub-screen.
	Photo Capture	Provides quick access to photo capture, switching between front and rear cameras. Users can return to the camera, view photos, and check full-size images in the gallery app.
	Notifications	By swiping up on the sub-screen, users can quickly view notifications and messages.
	Status	By swiping down on the sub-screen, users can quickly check the battery status.
	Personal Signature	Displays a personal signature upon screen-on, which can be customized in the sub-screen settings menu.
Processor		
CPU Model	MediaTek Dimensity 7400	
Main frequency	2.6GHz	
Production Process	4nm	
CPU Core	8, 4x Arm Cortex-A78 up to 2.6GHz, 4x Arm Cortex-A55 up to 2.0GHz	
GPU	Mali-G615 MC2, 1400MHz	
AI Processing Unit	MediaTek NPU 655	
RAM & Storage		
RAM	16GB LPDDR5 + 16GB Dynamic RAM (The Dynamic RAM can be extended in Settings if needed.)	
Storage	512GB UFS3.1	
Max. Expansion Supported	2TB	
Rear Camera		

Rear Camera Numbers	3
Main Rear Camera	Pixel: 50MP
	Details: Sony IMX989 CMOS sensor, 1.6µm, 8 piece lens, FOV 85.1°, f/1.9 large aperture
Night Vision Camera	Pixel: 64MP
	Details: OV64B CMOS sensor, FOV 79.4°, f/1.79 large aperture
Ultra-wide Lens	Pixel: 50MP
	Details: Samsung JN1 CMOS sensor, FOV 117.3°, f/2.2 large aperture
Depth Sensor	/
Flash	1
Video Recording Resolution	4K(30fps), FHD(60fps/30fps), HD(60fps/30fps), VGA(60fps/30fps)
Special Features	Normal mode, Night vision mode, Beauty mode, Wide angle mode, 50MP mode, Night mode, Gif, Portrait, Pro mode, Panorama, Slow motion, Mono, QR code
Front Camera	
Pixel	50MP
Details	Details: Samsung JN1 CMOS sensor, 0.64µm, 5 piece lens, FOV 80.4°, f/2.45 large aperture
Video Recording Resolution	FHD(30fps), HD(30fps), VGA(30fps), CIF(30fps)
Special Features	Normal mode, Beauty mode , 50MP mode, Gif, Portrait, Mono
Battery & Charging	
Capacity	21200mAh (Equivalent to 10600mAh, 7.74V)
Watt Hours Per Battery	82.044 Wh
Battery Type	Lithium-ion polymer battery
Charging Details	120W, 20V/6A
Wireless Charge	N/A
Reverse Charge	Support, 10W
Dock Charging	/
Standby Time	1140 Hours
Talk Time	114 Hours
Network & Connectivity	
Card Type	Nano+Nano+microSD
Cellular	5G/4G/3G/2G
Band Details	5G: Sub6: N1/2/3/5/7/8/20/25/28/38/40/41/66/71/77/78/79
	4G: FDD-LTE: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B/32/66/71
	3G: WCDMA: B1/2/4/5/6/8/19
	2G: GSM: B2/3/5/8 CDMA: BC0/BC1/BC10
Standby Mode	Dual sim dual standby
VoNR	Support
VoLTE	Support
WiFi	WiFi 6E (2.4GHz/5GHz/6GHz), 802.11a/b/g/n/ac/ax
Bluetooth Version	BT5.4
Navigation	GPS/GLONASS/Beidou/Galileo/QZSS/NavIC GPS
Audio	
Speaker Numbers	1
Speaker Model	1326 SPK BOX

Speaker Power	Max 2W
Smart PA	AW88394
Versatile LED Light	
LED Beads	570 Pieces
Brightness	Max 1000 lumens
Light Power	Max 5W
Shortcut Key	Support, Custom Key
APP	Camping Light
Modes	Lighting, adjustable brightness settings; duration settings of 5-30mins.
	Sharp Light, duration settings of 5-30mins.
	SOS
	AlwaysLighting
Safety Protection	Support
Warning Light	
APP	RedBluePoliceLight
LED Beads	34 Pieces
Simulated Light Effect	Red Light, Blue Light, Red-Blue Light
Simulated Warning Sound	Fire, Ambulance, Police Car, and other first responding warning sound
Lighting Modes	2, Constant or Blink
Security	
Fingerprint ID	Support
Face Unlock	Support
System & Features	
Android Version	Android 15
Pre-installed APP	Calculator, Google Calendar, Camplng light, Camera, Children Space, Chrome, Clock, Contacts, Google Drive, Easy Launcher, Files by Google, Find Device, FM Radio, Game Mode, Gmail, Google, Google TV, Keep Notes, Google Maps, Google Meet, Google Messages, Netflix, Phone, Photos, Google Play Store, QRCode Scan, RedBlueAlarmLamp, Remote Control, Safety, Service Center, Settings, SIM ToolKit, Sound Recorder, System Manager, ThermoVue T2, Toolbag, Ulefone AI Toolkit, YouTube, YT Music
Language	Indonesian, Malay, Catalan, Czech, Danish, German, Estonian, English, Spanish, Filipino, French, Croatian, Italian, Latvian, Lithuanian, Hungarian, Dutch, Norwegian, Polish, Portuguese, Romanian, Slovak, Finnish, Swedish, Vietnamese, Greek, Turkish, Bulgarian, Russian, Serb, Ukrainian, Armenian, Hebrew, Urdu, Arabic, Persian, Hindi, Bengali, Thai, Korean, Burmese, Japanese, Simplified Chinese, Traditional Chinese
Blinking Notification Light	Support, red/green/blue light
Battery Status Light	Support
Audio Format Supported	MID/FLAC/MKA/MP3/M4A/AAC/AMR/OGG/MP2
Video Format Supported	MOV/MKV/3GP/MP4
Image Format Supported	GIF/JPEG/PNG/BMP
Text Format Supported	TXT/HTML
FM Radio	Support, headset-free FM radio
Cell Broadcast	Support
Sensor	Proximity Sensor, Gravity sensor, Light Sensor, Acceleration Sensor, Geomagnetic sensor, Gyro sensor, Coulomb counter, Pedometer, Air pressure sensor, Infrared sensor
Special Features	

Underwater Camera	Support
Gloves Mode	N/A
Digital Toolbox	Height Meter, Compass, Gradienter, Flashlight, Hanging Painting, Magnifier, Alarm bell, Plumb bob, Protractor, Noise Test, Pedometer, Barometer, Funny Sound, Mirror
OTG Function	Support
NFC	Support
IR Blaster	Support
Others	
Packing List	<ul style="list-style-type: none"> 1 x Phone 1 x AC Power Charger, 120W 1 x Type-C to Type-C Data Cable (100cm) 1 x Protective Film (Pre-installed) 1 x Tempered Glass Screen Protector 1 x SIM Needle 1 x Lanyard 1 x Multi-language User Manual 1 x Warranty Card 1 x Charging Instruction Card 1 x Safety Prompt Statement 1 x User Tribute Card
Product Certification	CE, FCC, IP68, IP69K, MIL-STD-810H, WEEE, ROHS.TAC, UN38.3,MSDS, IEC62133

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