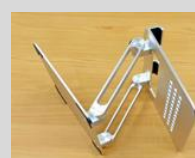


Product form	Brand	CENAVA
	Model	A109TB MT6789V
	Explosion-proof (optional)	Petrochemical Class II, Mining Class I, Coal Safety Class I
	Picture	Ex Ex KA MA 
	Configure	FHD High Brightness 8+128G
	Size weight	Bare metal: 263.9*175.5*13.9mm/848.0g With packaging
	Wall hole pitch / screw	154x71.5mm/ M3*4.5mm
	color	Black, color can be customized
	screen size	10.95inch, 16:10
	screen resolution	IPS 1920*1200
	screen brightness	700cd/m², can be customized 1000cd/m²
	TP touch screen	10-point touch G+FF, hardness ≥ 7H, support for medical rubber gloves touch screen (can be customised wet hand touch screen)
Battery		20000mAh, 3.8v high voltage lithium battery, non-removable, battery life 16-18h (Play 1080P HD video, 50% brightness and 50% sound)
Camera		Front camera: 8MP fixed focus Rear camera: 32MP auto focus, flash
Buttons		Power button*1 Volume keys*2, Vol+, Vol- Custom keys*1, P key
Hardware configuration	Speaker, receiver, microphone	*2, speaker 2W/8Ω aluminum film, waterproof speaker; *1, waterproof handset *1, MIC, waterproof rating
	CPU	MT6789V, Octa core, 2.2GHZ
	RAM/ROM	8G+128GB
	Gravity sensor	OK
	Compass	OK
	Gyro	OK
	Light-sensitive distance sensing	OK
Operation system		Android 14
Wireless connection	WIFI	WIFI 802.11(a/b/g/n/ac) frequency 2.4G+5.8G dual-band WIFI
	Bluetooth	Bluetooth 5.0 (BLE) class1 transmit distance: 10m
	2G/3G/4G	GSM: B2/B3/B5/B8 WCDMA: B1/2/4/5/8 LTE-FDD: B1/2/3/4/5/7/8/12/17/18/19/20/25/26/28AB/66 LTE-TDD: B38/B39/B40/B41
	GPS	GPS, Beidou, Galileo, GLONASS
	NFC	OK

Date collection	1D/2D scanner (function customizable)	(N1) 0.3M Pixels+Code 39 5mil 65~150mm+Red light Read code system: 2D: PDF417, QR Code, Micro QR, Data Matrix 1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, AIM128, Plessey, MSI-Plessey Note: Choose one of the scanning head and external keyboard
Ports	TYPE-C	*1, Type-C adapt OTG
	TF, SIM card slot (two out of three)	TF card slot, support up to 256GB expansion SIM card slot, standard NANO SIM card slot
	POGO PIN	*1 ,12Pin USB+charger
Mainboard reserved expansion interface		Interface requirements:3.3V-1A/5V-1A power supply, UART interface, interface level 3.3V, USB2.0 interface,5V 1A power supply
Product reliability	Drop height	1.2m Free fall to wooden floor
	Working temperature	-20°C~60°C (custom-30°C~60°C)
	Storage temperature	-30°C~70°C (custom-40°C~70°C)
	Humidity	Humidity: 95% Non-Condensing
Certificates		IP68, 3C, CE, US military standard-810H certification, energy saving certification, ISO quality certification system, ROHS, three-proof salt spray test
Other	CE-NB	YES
	MIL-STD-810H	YES
	CCC	YES
	Adapter Option accessories	PD3.0 5V-3A/9V-3A/12V-2.5A/15V-2A/20V-1.5A, TYPE C power adapter Strap/stand
2 points Strap (Optional)		  
Clip bracket (Optional)		  
Tempered Film (Optional)		
Full aluminum alloy desktop bracket (optional)		   
Portable waterproof case (optional)		  

Due to the different application configurations required by different projects and different corresponding functional modules, the normal default products are neutral marking products(without LOGO and product model information on the appearance of the equipment). We accept customize logo company mark,customize device perform to adapt your software etc.

Change record of the specification informati

Change the number	Edition	Date	The content of the change
CXZN-01	V1.0	2025/2/20	
CXZN-02	V1.1	2025/2/21	The screen brightness was adjusted from 500cd/n
CXZN-02	V1.1	2025/2/21	Charger adjusted from 33W fast charging to 20W
CXZN-02	V1.1	2025/2/21	Battery life ≥ 5 -6h adjusted to ≥ 16 -18h
CXZN-03	V1.2	2025/6/30	The front camera is upgraded from 5MP to 8MP
CXZN-03	V1.2	2025/6/30	Rear camera upgraded from 13MP to 32MP
CXZN-03	V1.2	2025/6/30	Added 4-point strapsAdded 4-point straps
CXZN-03	V1.2	2025/6/30	Charger upgraded from 20W to 33W fast charge
CXZN-04	V1.3	2025/7/12	Remove Sweeping Dock Premium Edition (SE4710),
CXZN-05	V1.4	2025/8/23	Renamed to A109TBRenamed to A109TB
CXZN-06	V1.5	2025/8/28	Two-point harnesses are now optional
CXZN-07	V1.6	2025/9/3	New Description: With packaging accessories: 34
CXZN-08	V1.7		
CXZN-09	V1.8		
CXZN-10	V1.9		
CXZN-11	V1.10		
CXZN-12	V1.11		
CXZN-13	V1.12		
CXZN-14	V1.13		
CXZN-15	V1.14		
CXZN-16	V1.15		
CXZN-17	V1.16		
CXZN-18	V1.17		
CXZN-19	V1.18		

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