

Product form	Brand	CENAVA
	Model	A1095Z
	Explosion-proof (optional)	Petrochemical Class II, Mining Class I, Coal Safety Class I
	Picture	
	Size weight	Bare metal: 300.5*204.1*23.3mm/Approx.1500g
	Wall hole pitch / screw	258.5x177.5mm/ M4.5*4.5mm
	color	Black, color can be customized
	screen size	10.95inch
	screen resolution	1920*1200
	screen brightness	550cd/m²
	TP touch screen	10-point touch G+FF, hardness ≥6H, supports touch screen with wet hands, touch screen
	Battery	3.8V 2000mAh high-voltage lithium battery, removable, battery life ≥8h (1080P+50%)
	Camera	Front Camera: 24.0MP Fixed Focus Camera Rear Camera: 48.0MP Autofocus Camera with Flash Optional: 2000W Night Vision/Scan Head (choose one), Thermal Imaging/Fingerprint
	Buttons	Power button*1 Volume keys*2, Vol+, Vol- Custom keys*2, P key, F key Home button*1
Hardware configuration	Speaker, MIC, Motor	*2, speaker 2W/4Ω *2, MIC, *1, Motor, 1234
	CPU	Unisoc P7885 8-core 2.7GHz
	RAM/ROM	Standard configuration: 8+128G/12+256G, with a maximum support of 12G+512G
	Gravity sensor	YES
	Compass	YES
	Gyroscope	YES
	Light sensor	YES
	Proximity sensor	YES
System	NFC high frequency	YES
	Operation system	Standard Android 16
Wireless connection	WIFI	WIFI 802.11(a/b/g/n/ac) WIFI5
	Bluetooth	Bluetooth 5.0 transmit distance: 10m
	2G/3G/4G/5G (custom function)	Global Pass: GSM: B2/B3/B5/B8; WCDMA: B1/2/4/5/6/8/19; CDMA: BCO/BC1/BC10; FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/66/71 TDD: B34/38/39/40/41 5G NSA: N1/2/3/7/25/41/66/77/78/79 5G SA: N1/2/3/5/7/8/12/20/25/28/38/40/41/66/71/77/78/79
	GPS	GPS、Beidou、Galileo、GLONASS

Date collection	1D/2D scanner (custom function)	Medium configuration (N4680) : 0.3M Pixels+Code 39 5mil 65~150mm+Red light Read code system : 2D: Codablock A, CodablockF, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, 中文Sensible, Grid Matrix, Dot Code 1D: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC-E, UPC-A/EAN-13 with extension, Coupon Code, Coupon GS1 Code 32 (PARAF), EAN-UCC Emulation, GS1 DataBar High configuration (N670) 1.0M Pixels+Code 39 5mil 45~200mm+Cross laser Read code system : : 2D: QR Code, Data Matrix, PDF417, Han letter code, Dotcode 1D: UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93, Code 11, Interleaved 2 of 5, Industrial 2 of 5, Matrix 25, Standard 25, Codabar, MSI/MSI PLESSEY, GS1 DataBar
	ID card (custom function)	Standard second-generation offline Ministry of Public Security certified ID card reader module
	Tiantong Module (customized function)	Specialized communication module for the standard Tiantong-1 satellite communication system (customizable with a choice of second-generation ID card, ultra-high frequency, or
	UHF (custom function)	(optional) distance1: ≤2M, Service frequency 840-960MHz distance2: ≤5M, Service frequency 860-960MHz (customizable with a choice of second-generation ID card, ultra-high frequency, or Tiantong
	Thermal imaging (customized function)	Tiny1-C, miniature thermal imaging, 256*192/160*120 (supports batch customization), optional thermal imaging/fingerprint (choose one)
	Low-light night vision (customized function)	20MP, low-light night vision camera/scanner (choose one)
	Fingerprint (custom function)	1: Ordinary industrial fingerprint 2: Fingerprint certified by the Ministry of Public Security 3: FBI certified fingerprint Fingerprint/thermal imaging (choose one)
Ports	TYPE-C	*1, Type-C USB 3.0 full functionality (Android only supports one USB 3.0 port), supports 33W fast power adapter
	Type -A	*2, Type-A USB2.0
	DB9	*1, RS232 serial port (optional 232/422/485 protocol)
	Earphone Jack	*1, 3.5mmStandard headphone jack
	TF Card	*1, Maximum support 1T expansion
	SIM Card	*1, Standard Micro SIM card slot
	HDMI	*1, HDMI
	DC port	*1, 5V-3A (DC plug OD 5.5mm ID 2.1mm)
	RJ45	*1, 100M
	POGO PIN	*1, 14Pin USB+charger
	Locking holes	*1, lock hole
	Stylus	*1, stylus
	Extensions	Reserve aviation plugs sockets: 1*power input air-plug interface, 1*USB2.0 air-plug interface
Product reliability	Integratability	Expandable, can be integrated with customer modules, can be customized to the functional interface, the motherboard built-in to reserve a variety of signals (SATA interface, PCIE
	Drop height	1.2m Free fall to wooden floor
	Working temperature	-20℃~60℃ (custom-30℃~60℃)
	Storage temperature	-30℃~70℃ (custom-40℃~70℃)
	Humidity	Humidity: 95% Non-Condensing
Other	Certificates	IP67, 3C, CE, US military standard-810H certification, energy saving certification, ISO quality certification system, ROHS, three-proof salt spray test
	Adapter	TYPE C, 33W Fast Power Adapter
	Optional Accessories	Reserved for handbag, shoulder strap, and stylus; Reserved for base expansion functions; network port, serial port, USB port, and charging; Battery-compatible battery charging box;

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 information

Change the number	Edition	Date	The content of the change
CXZN-01	V1.0	2025/7/5	NEW
CXZN-02	V1.1		
CXZN-03	V1.2		
CXZN-04	V1.3		
CXZN-05	V1.4		
CXZN-06	V1.5		
CXZN-07	V1.6		
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		
CXZN-20	V1.19		
CXZN-21	V1.20		
CXZN-22	V1.21		
CXZN-23	V1.22		
CXZN-24	V1.23		
CXZN-25	V1.24		
CXZN-26	V1.25		
CXZN-27	V1.26		
CXZN-28	V1.27		
CXZN-29	V1.28		
CXZN-30	V1.29		
CXZN-31	V1.30		
CXZN-32	V1.31		
CXZN-33	V1.32		
CXZN-34	V1.33		
CXZN-35	V1.34		
CXZN-36	V1.35		

Department
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