

Product Feature



- Compliant with EMC anti electromagnetic interference standards
- Support high-performance wide temperature and wide pressure customization
- Seamless full screen panel, IP65 dustproof and waterproof
- Energy saving and low consumption, 24-hour uninterrupted stable operation
- Capacitive 10 point touch, fast and accurate response operation



Product specifications

Screen parameters		Touch parameters	
size	7"	Touch type	Capacitive touch (optional non-touch)
Resolution	1024*600	Communication interface	USB communication
Brightness	350cd/m ²	Touch method	Finger/capacitive pen
Contrast ratio	500:1	Number of clicks	≥50 million times
Color	16.2M	Transmittance	>87%
Viewing angle	85/85/85/85 (Typ.)(CR≥10)	Glass hardness	> 7H
Display area	155.5 (H)×87.2(V)mm	Glass material	Tamper glass

System specification

CPU	RK3568, quad-core 64-bit Cortex-A55, main frequency up to 2.0GHz
RAM	2G DDR(4G\8G可选)
Storage	16G EMMC (32G/64G/128G optional)
Operating system	Default Android 11 (optional Linux, Ubuntu, Debian, Kylin, Harmony)Network
Network	10M/100M1000M adaptive WIFI2.4G (WIFI5.0 optional)

I/O

DC Power 1	1-DC12W5521 standard plug-in library	LAN Ports	1*1000M adaptive Ethernet
DC Power 2	1*wide voltage power supply 9-36V industrial terminal (optional)	SIM	1*SIM
HDMI	1*HDMI	COM	2*RS232
WIFI/BT	1*WIFI/Bluetooth antenna	Audio	1*3.5mm
USB	2*USB3.0 / 1*USB2.0		

Environmental Parameters

Vibration resistance	5-19Hz/1.0mm amplitude 19-200Hz/10g) acceleration	Working temperature	-10°C ~ 60°C
Shock resistance	10g acceleration, 11ms cycle	Storage temperature	-20°C ~ 70°C
Backlight life	50000h	HUMID	≤95% non-condensing
Protection level	Front panel IP65	Power consumption	≈ 12W

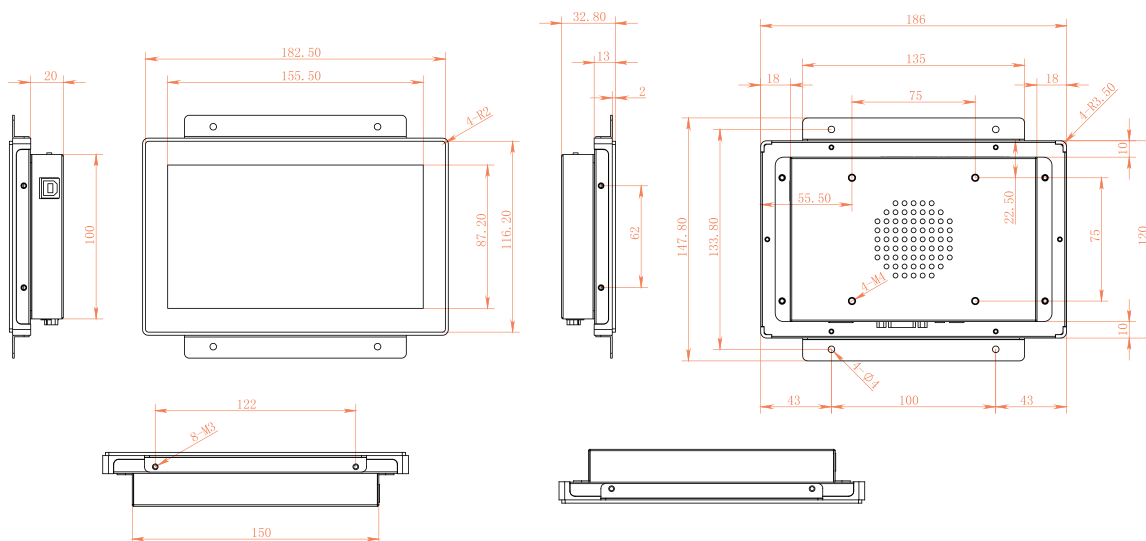
Physical Characteristic

Product size	186*120*32.8mm	Material	ABS Plastic front frame with sheet metal structure
Cutout size	182.5*116.2/R2mm	Installation	Embedded/Wall mounted/Foldable Base/Cantilever Installation
Packing size	310*240*80.5mm	Weight	

Accessories

Power Cord	1*Power Cord 1.2M	Certificate of conformity	1*Certificate of Conformity
Adapter	1*Adapter 1.2M (12V 5A)	Warranty Card	1*Warranty Card
Embedded border strip	2 * Embedded installation edge strip+screws		

Technical drawing



Order Information

Product Model	CPT-070A-NBCBZ01
Product Description	7" Android machine/Embedded/Black/Capacitive touch/1024*600/2G+16G/2*RS232/2*USB