

PRODUCT SPECIFICATION

Product Name: All in one Panel PC

Product Model: TS-150ACBJ

Version: V0



TECHTION SMART

Organized by	Checked by	Approved by
Connie		

CUSTOMER APPROVAL

Approved by	Comment

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Document Revision History

Date	Version	Description	Editor
2024.03.28	V0	New Release	Connie

1、Features

- 4:3 宽屏，搭载高速智能安卓系统
4:3 wide screen, equipped with high-speed intelligent Android system
- 轻薄/美观/散热性强
Thin/beautiful/heat dissipation
- 整机半封闭式无风扇设计
The whole machine is semi-closed and fanless design
- IP65 防尘防水标准（屏面）
IP65 dustproof and waterproof standard (front screen)
- 支持纵向和横向显示模式
Supports portrait and landscape display modes
- 全天候连续不间断运行24H
Continuous operation 24 hours a day
- 整机采用铝合金与钣金材质制成
The whole machine is made of aluminum alloy and sheet metal.
- 具有良好的抗震性、抗冲击性，适应苛刻环境
It has good earthquake resistance and impact resistance, and can adapt to harsh environments.
- 支持RTC实时时钟、定时开关机、网络唤醒、RS232串口集控。
Supports RTC real-time clock, scheduled power on and off, network wake-up, and RS232 serial port centralized control.
- 应用场景：人工智能终端、自助服务终端等
Application scenarios: artificial intelligence terminals, self-service terminals, etc.

2、PHYSICAL SPECIFICATIONS

No.	Items	Specifications
1	Main parameters	Main parameters
2	Model	TS-150ACBJ
3	Product type	All in one Panel PC
4	Frame	Aluminum frame +Sheet metal back shell /Black
5	Brand	TECHTION
6	Display parameters	Display parameters
7	LCD Size	15"
8	Active Area	304.128(H) × 228.096(V)mm
9	Resolution	1024*768
10	Contrast Ratio	3000:1
11	Picture Aatio	4:3
12	Viewing Angle	89/89/89/89(Typ.)(CR≥10)
13	Response Time	18ms
14	Backlight Type	E-LED
15	Brightness	300cd/m2
16	Life span	50000H
17	Protection	IP65 (front screen)
18	Touch parameters	Touch parameters
19	Touch Types	Capacitive(G+G) --Optical Bonding



20	Clicks	Capacitive > 50 million times
21	Surface hardness	6H
22	Touch Point	10 points
23	Type of glass	Chemically strengthened glass
24	Transmittance	> 85%
25	Android solution	Android solution
26	CHIP	RK3399
27	CPU	Cortex-A72*2+A53*4@1.8GHz
28	GPU	Mali-T860
29	NPU	/
30	DDR	DDR3-4G
31	EMMC	32G
32	OS	Default Android9.0 (Android 7.1 /10.0 optional)
33	LAN	10/100/1000M
34	WiFi	2.4G
35	B/T	4.1
36	System upgrade	USB
37	Port parameters	Port parameters
38	External Connectors	EARPHONE*1, RJ45*1, USB3.0*1(OTG), USB3.0*1, DC12*1, COM*1, Wifi antenna*1, HDMI OUT*1
39	Graph Supported Format	Graph Supported Format
40	Video format	mp4、mkv、wmv、mov、flv3





41	Picture format	BMP、JPEG、PNG、GIF
42	Power consumption	Power consumption
43	Standby power (w)	≤0.5W
44	Power consumption (w)	≤15W
45	Supply Voltage (v)	DC12V
46	Audio output power	8Ω*2W
47	Dimensions	Dimensions
48	Packing Size (mm)	435*356*152mm
49	Product Dimensions(mm)	352 x279.5x 44.9mm
50	NW(kg)	3.5kg
51	GW(kg)	4.7kg
52	Wall mounting holes(mm)	100*100 (M4*8mm*4pcs)
53	Installation	wall-mounted/table-top/hanging
54	Accessories	Accessories
55	Power Cable	*1
56	Power adapter	*1 12V/4A (AC 100-240V 50/60Hz)
57	Wifi antenna	*1
58	Environment	Environment
59	Operating temperature	-10°C~60°C
60	Operating humidity	10% ~ 90% RH Non-Condensing
61	Storage temperature	-20°C~70°C



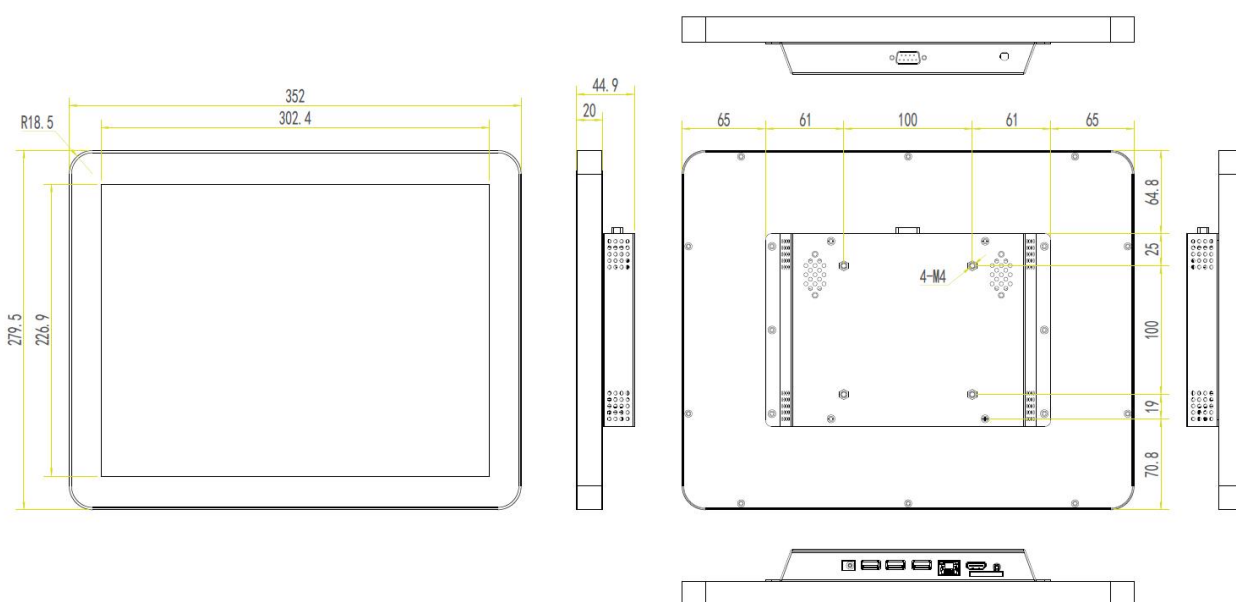


62	Storage humidity	10%~90% RH Non-Condensing
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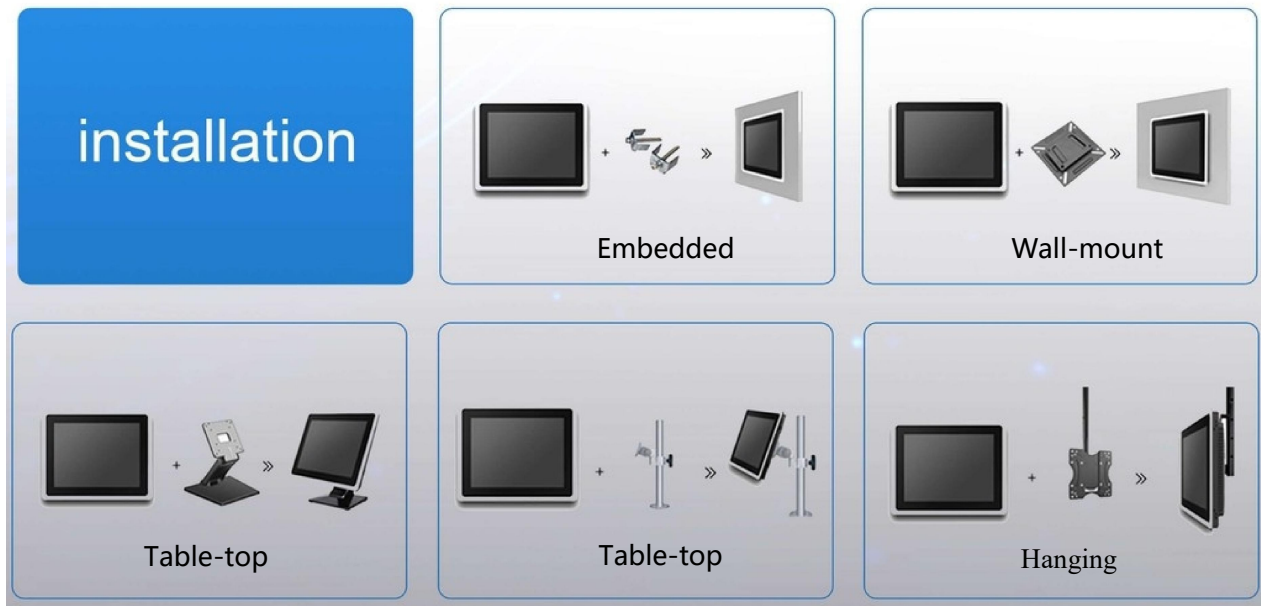
3、产品外观图/Product Appearance



4、六视图/Six views (mm)



5、安装方式/Installation



FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.