

## 10.1" Thermal Temperature Testing PC

faytech's **Thermal Temperature Testing PC** can be used in a wide variety of settings and is the perfect addition for **retail, restaurants, hospitality, healthcare, education, government agencies** and **public venues**.

It can easily be mounted onto a wall, integrated into a cut-out or placed as a freestanding tablet on a stand.

This tablet PC is fitted with an **RFID reader, thermal sensor, infrared camera** and **full HD camera**. The device has a 10-point multi-touch, coated with **anti-glare coating**. Besides this, the edge-to-edge cover glass has a hardness rating of **7H** and a protection rating of **IK08**.



## Thermal Temperature Testing PC Benefits - Customers

### Benefits for Customers

This interactive PC is perfect for areas and entrances that require body temperature checks on customers, visitors or employees. Besides this, a standard camera, and RFID reader is integrated into the device.



#### RFID reader

- For easy check-in, registration or any other use.



#### Be Informed

- The screen ensures customers are informed when entering!



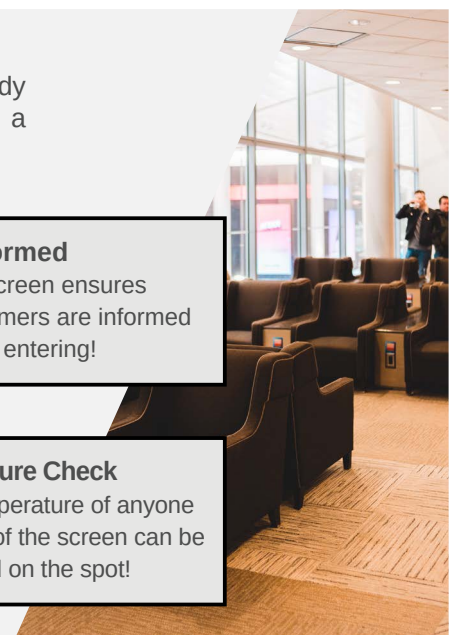
#### Interactive Solution

- Customers can use the screen to navigate or check specific content.



#### Temperature Check

- The temperature of anyone in front of the screen can be checked on the spot!



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## Thermal Temperature Testing PC Benefits - Implementors

### Benefits for Implementors

With this PC, you ensure the safety and health of everyone entering the store, company or other building in which it is stationed.



#### Entrance Control

- Keep track of who enters the building or area, with camera possibilities and RFID scanner.



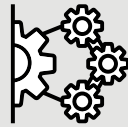
#### Promotions

- Space for promotions, information, camera images, social media feed, weather, news and many more!



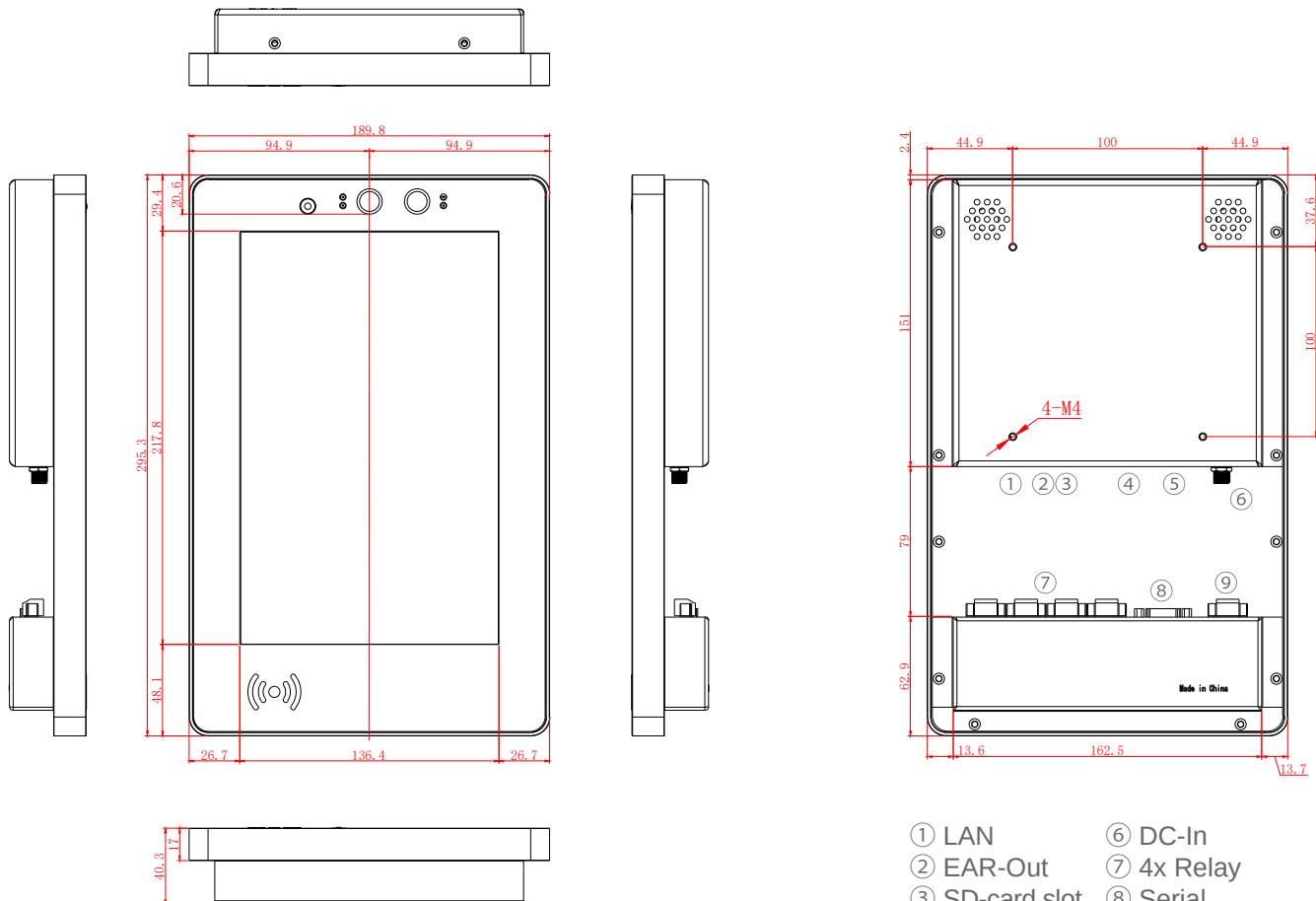
#### All-In-One Solution

- Perfect tool to ensure safety for your employees and guests, by measuring body temperature (fever).



#### Easy to integrate

- Built-in, free standing, or wall-mount solution possibilities!

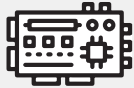


Tolerance:  $\pm 0.5\text{mm}$

- ① LAN
- ② EAR-Out
- ③ SD-card slot
- ④ HDMI
- ⑤ 2x USB 2.0
- ⑥ DC-In
- ⑦ 4x Relay
- ⑧ Serial
- ⑨ Wiegand-Out

## Thermal Temperature Testing PC Features

### Powerful CPU



The PC is powered by the powerful Rockchip RK3399 Mainboard with Hexa Core Processor Dual Cortex-A72, Quad Cortex-A53 and Mali-T860MP4 graphics. The device is also equipped with 2GB LPDDR4 RAM (optional 4GB), 16GB flash memory.

The PC is built around a 10.1" 10-point capacitive touch screen, with 7H and IK08 protection glass. Making the glass strong and robust! Besides this, the touch screen is optically bonded and has anti-glare surface treatment.

### Multi-touch LCD Screen



### RFID Reader



The Thermal Temperature Testing PC is also equipped with an RFID reader. This ensures that customers, visitors and employees are able to use this terminal as a check-in / check-out, registration or clocking application.

The PC is equipped with a total of 2 cameras and 1 sensor: an Infrared- and Full HD camera as well as a Thermal sensor. With these cameras equipped it can easily measure body temperature (e.g. fever), as well as record anything passing by.

### Integrated Cameras / Sensor



### Antimicrobial Coating (optional)



The touch screen can be coated with 24/7 anti-microbial and anti-viral technology. This ensures the device is 24/7 germ-free protected for the complete lifecycle of the product! The coated surface permanently blocks up to 99.99%\* of bacteria. Proven results against MRSA, E.coli, C. diff. and Human Coronavirus. The coated surface can easily be cleaned using soap and water.

\*ISO 27447 Antimicrobial certification standard independently verified by Airmid laboratories

\*This flyer might be subject to change

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## Thermal Temperature Testing PC Specifications

<b>Product name</b>			<b>10.1" Thermal Temperature Testing PC</b>		
<b>Model number / EAN number</b>			<b>FT101RK3399TIS / 6920734010820</b>		
<small>Global Article Code</small>	<small>European Article Code</small>	<small>Release date</small>	<small>Global Article Code</small>	<small>European Article Code</small>	<small>Release date</small>
3030504964	1010501962	16/05/2020			

<b>IP Rating</b>	
IP65 Front / IP40 Back	

<b>LCD Panel</b>	
Screen diagonal (Inch/cm)	10.1/25.65
Display active screen size (cm)	21.70×13.60
Aspect ratio	16:10
Physical resolution	1280×800
External Maximum showable resolution - HDMI	1920×1200
Colours displayed	16.7M
Brightness (cd/m <sup>2</sup> )	350
Contrast	800:1
Typical reaction time Tr / Tf (ms)	10/15
Visual Angle horizontal / vertical (°)	170/170
Backlight / Backlight Lifetime (hours)	LED / 20,000

<b>Operation / Mechanical</b>	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10% - 90%
Net weight (kg)	1.25
Gross weight (kg)	2.50 (incl. cartonage)
Housing material	Aluminum IPC case
Housing (mm) L × W × H	189.8 × 295.3 × 40.3
Cut-out for clamp supports (mm) L × H	N/A
Amount of clamps required	N/A
Mounting	VESA 100

<b>PC System</b>	
CPU	Rockchip RK3399 64bit hexa Core Processor Dual Cortex-A72, Quad Cortex-A53
Graphic GPU	ARM® Mali-T860MP4, support OpenGL ES1.1/2.0/3.0
Audio	Integrated HI-FI 100dB Audio Codec Dual analog mic. 2x2W amplifier
Memory	2GB LPDDR4 RAM (4GB optional)
Storage	16GB eMMC module (Micro SD)
Network	Gigabit Ethernet
OS	Android 7.1.2
Bluetooth	Yes

<b>Touch Panel</b>	
Touch Technology	Projected Capacitive 10-Point Multitouch
Touch Life (Contacts)	Unlimited
Surface Hardness	7H
Surface Treatments	Anti-glare (chemical etching) Antimicrobial (optional)

<b>Power</b>	
Power Supply	100-240V ACDC active switching; 12V DC-Out
Working Power (V)	12
Power Consumption (W)	18
Stand-By Consumption (W)	<1

<b>External Connectors</b>	
1x 12V DC-In (screwable)	1x HDMI
2x USB 3.0	1x EAR-Out
1x Micro SD-card slot	
1x Serial port 232 TTL (optional RS485)	
1x Gigabit Ethernet (RJ45)	
1x 3-Pin Wiegand-Out for door control	
1x 4 Channel relay	

<b>Included in the Delivery</b>
Power Supply (see Power section)
5x Three-pin phoenix connectors
Short Installation Manual

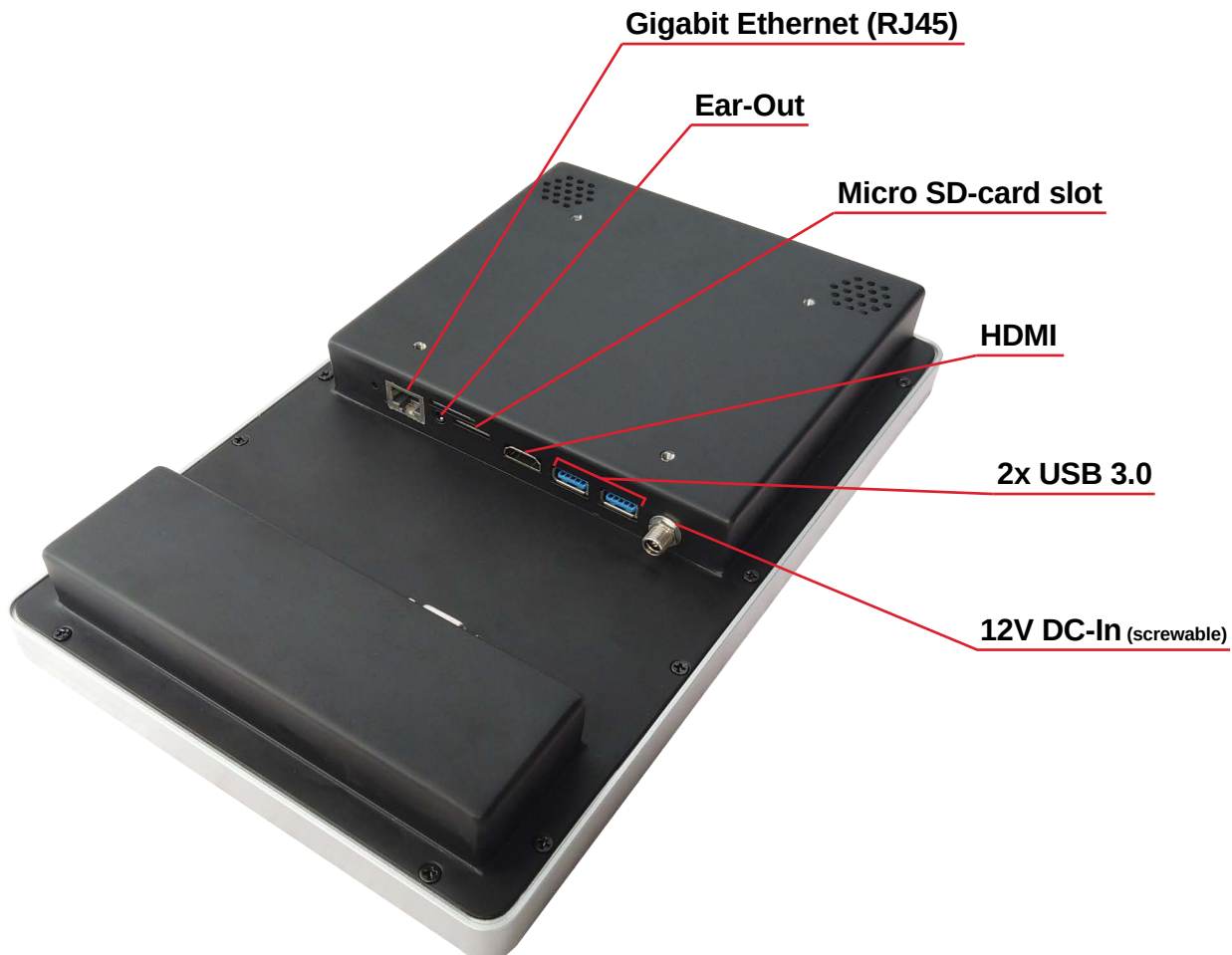


## Thermal Temperature Testing PC Peripherals

RFID Reader Details	
Size (mm) L × W × H	50.0 × 35.0 × 8.0
Indicator	Buzzer
Card support	EM4100, S50, NFC, P2P, HID26, HID35, HID37
Card Reading distance (cm)	5
Output format card	8H10D, P2P 16D

Thermal Sensor Details	
Sensor Type	Thermopile far-infrared sensor
Brand	Heimann
Model no.	HTPA32x32
Distance	Up to 1 Meter
Available Spectrum	8~14um
Resolution	32 × 32
Pixel Size	90um
Maximum framerate	7~9Hz
Typical Target Temperature (°C)	-10~150
Target Temperature Range(°C)	-20~500
Object Temperature Range (°C)	40~1000
Accuracy	± 0.5°C-
Output	RGB / Temperature Array
FOV (Field Of View)	33°

Dual Lens Camera Details	
Full HD Camera	
Sensor	AR0230 (Wide Dynamic Color)
Lens Size	1/2.7 inch
Most effective pixels	1928 × 1088
Data format	MJPEG/YUY2
Pixel Size	1920 × 1080, 1280 × 720, 640 × 480, 320 × 240
Dynamic Range	Up to 105dB
Focus	Fixed focus
Frame Rate	30FPS
FOV (Field of View)	65°
Infrared Camera	
Sensor	RXSX2719
Lens Size	1/2.7 inch
Most effective pixels	1920*1080
Data format	MJPEG/YUY2
Pixel Size	3.0um × 3.0um
Dynamic Range	76dB
Focus	Fixed focus
Frame Rate	1080P 30FPS Max
FOV (Field of View)	65°



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## Corporate Headquarters

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