



# IPC-M10R800-A3399C V2

Hexa-core Industry Panel Computer

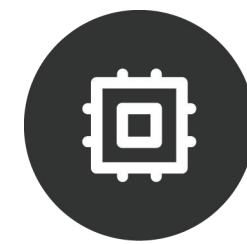
T-CHIP INTELLIGENCE TECHNOLOGY

V1.0





# Product features



## Six-core 64-bit Core

2\*Cortex-A72 + 4\*Cortex-A53  
Up to 1.8GHz  
Quad-core ARM Mali-T860 GPU



## 4K H.265/VP9 decoding

4K@60fps H265/H264/VP9 decoding  
1080P VC-1/VP8/MPEG-1/2/4 decoding  
1080P H.264/VP8 encoding



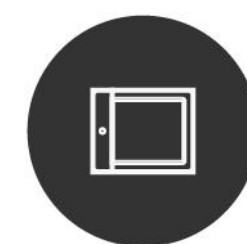
## IPS High-end Screen

10.1 inch 800\*1280 IPS Screen  
supports dual-screen identical  
display/dual-screen differential  
display



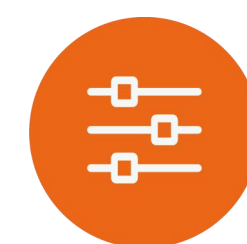
## Capacitive 10-point Touch

G+G capacitive touch screen, supporting  
10-point touch, high sensitivity touch,  
stable operation, and offering better touch  
experience to you.



## High-quality Metal Case

Equipped with industrial grade metal  
case, fanless design, dustproof,  
shockproof, anti-jamming,  
anti-aging wear, effective cooling design



## Rich Interfaces

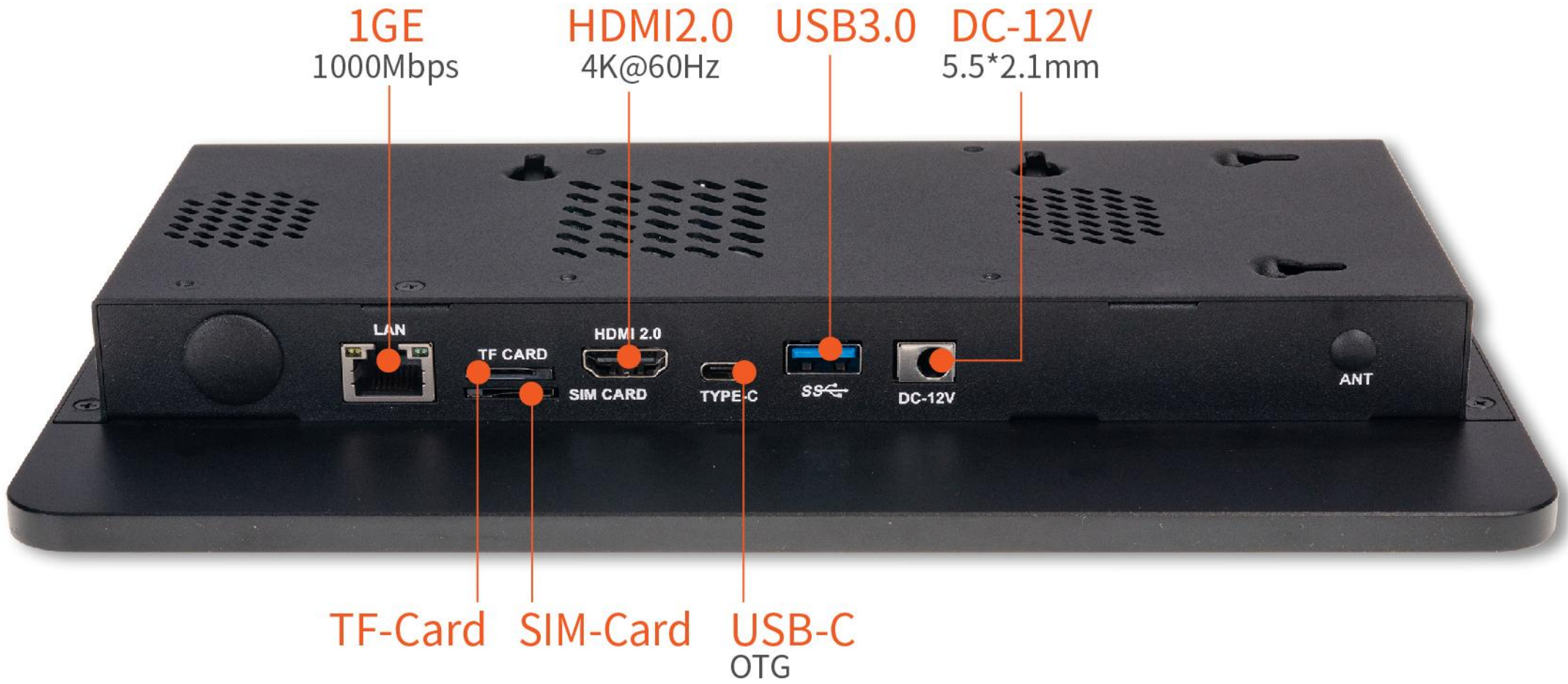
LAN, HDMI, Type-C, RS485, RS232, etc.,  
which is convenient for connecting various  
industrial equipment to meet various  
application scenarios.



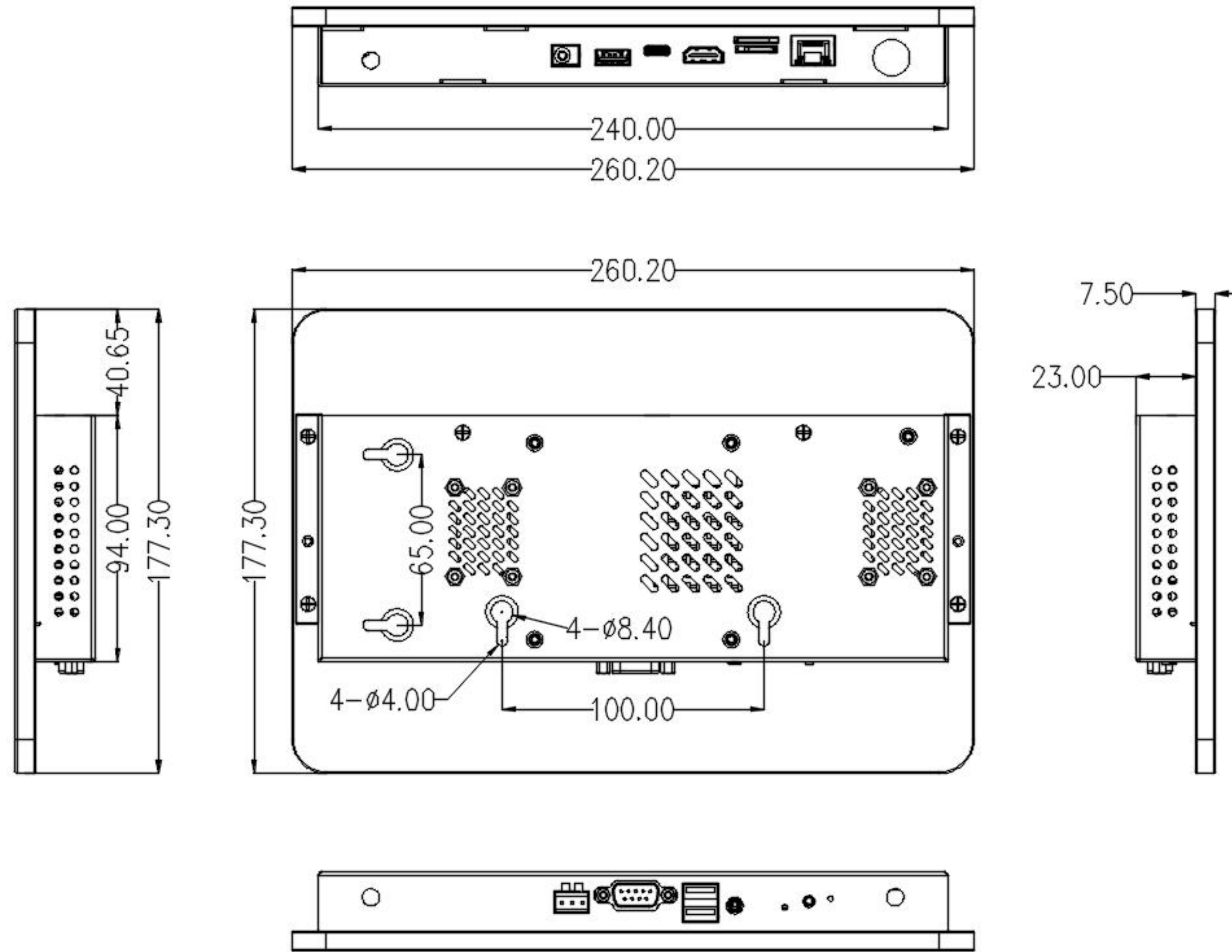
# Specifications

Specifications	
SOC	Rockchip RK3399
CPU	RK3399, Dual-core(Cortex-A72)+ Quad-core(Cortex-A53), frequency up to 1.8 GHz
GPU	Quad-core ARM Mali-T860, Support OpenGL ES 1.1/2.0 /3.0, OpenVG1.1, OpenCL, Directx11
Decoding/Encoding	4K@60fps H265/H264/VP9 decoding, 1080P (WMV, MPEG-1/2/4, VP8)1080P H.264/VP8 encoding
RAM	2GB/4GB LPDDR4
Storage	8GB/16GB eMMC
Expanded Storage	1 * TF Card
Wireless	2.4GHz / 5GHz dual-WiFi, 802.11a/b/g/n/ac, Bluetooth 4.1, 3G/4G expansion supported
Ethernet	1 * GE (1000Mbps)
Video Output	1 * HDMI2.0 (4K@60Hz, support HDCP 1.4/2.2) , 1 * DP1.2 (4K@60Hz, Via USB-C)
USB	USB-C (OTG) , 1 x USB3.0, 2x USB2.0
IR	With a one-way infrared receiver, Support infrared remote control
Other interface	1 * RS232、1 * RS485
OS	Android、Linux、Ubuntu
Power	DC 12V-2A (5.5 × 2.1mm)
Dimension	260.2mm * 177.3mm * 30.5mm
Screen	10.1寸IPS Screen, 800×1280 Pixel (10:16) , Capacitive 10-point touch screen
Brightness	300cd/m <sup>2</sup>
Contrast Ratio	1000:1
Interface	MIPI
Environment	Operating Temperature: -10°C- 50°C, Storage Temperature: -20°C- 60°C

# Interface description



# Dimension





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Contact Us  
(+86)18688117175



E-mail  
global@t-firefly.com



Website  
www.t-firefly.com



Address  
Room 2101, Hongyu Building, #57 Zhongshan 4Rd, East District,  
Zhongshan, Guangdong, China.