

# TY185-GS93A

18.5" RK3399 Six-core (A72x2+A53x4) Processor  
Industrial Panel PC



## Features:

- 18.5" Industrial-grade display with PCAP multi-touch
- RK3399 Hexa-core 64-bit (A72x2+A53x4) 1.8GHz processor
- 4\*USB、2\*RS232、1\*HD
- 1\* RJ45 Gigabit Ethernet
- Fanless design
- The protection level of the whole panel can reach IP65

## Specifications:

### System Hardware

CPU	RK3399 2*Cortex-A72+4*Cortex-A53	Memory	4G LPDDR3
Watchdog	Support hardware reset function (256 levels, 0~255 seconds)	Storage	Standard 16GB eMMC (optional 32GB/64GB)

### Display

LCD Type	18.5" TFT-LCD	Luminance	250 cd/m <sup>2</sup>
Touchscreen Type	18.5" capacitive touch screen	Contrast Ratio	1000: 1
Max. Resolution	1366*768		

### OS

OS	Android 7.1
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### I/O Ports

USB	2*USB2.0 +2*USB3.0	Audio	1*Audio
Serial port	2*RS232, 1*RS485 Optional	WIFI	2.4G/5.0Ghz dual-band
LAN	1* RJ45 Gigabit Ethernet	Video	1*HD
TF	1*TF	BT	BT 4.0
SIM	1*SIM (optional 4G communication)		

### Power

Power Supply	12V DC input (12/5A power adapter; 9-36V DC IN optional)
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## Environment

Operating Temp.	-10°C~60°C, without air flow	Reliability	MTBF≥30000h; MTTR≤0.5h
Storage Temp.	-20°C~70°C	Shock Protection	10g/11ms
Humidity	80% @50°C, non-condensing	Vibration Protection	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration
IP Rating	Front panel IP65		

## Mechanical

Dimension (LxWxH)	473.1*295.3*56.2mm	Material	Aluminum alloy panel all metal fanless design
Weight	6.05kg/7.25kg(N.W./G.W.)	Mounting	VESA mounting: 100*100mm
Color	Black		Embedded installation: 452.97*277.27mm

## Dimensions:

