

# TY185-GS93Q-QH

18.5" RK3399 Six-core Processor  
Industrial Panel PC



## Features:

- RK3399 six-core (A72x2+A53x4) 2.0GHz processor
- Industrial display, capacitive touch screen
- 4GB LPDDR4
- USB2.0\*2/USB3.0\*2/RS232\*2
- HD\*1/Gigabit LAN\*1+100M LAN\*1
- Dual-band WIFI+BT
- Fanless Design
- Equipped with Kirin system

## Specifications:

### System Hardware

Chipset	RK3399 six-core (A72x2+A53x4) 2.0GHz processor	Memory	4GB LPDDR4
		Storage	Standard 32GB EMMC (optional 16GB/64GB)

### Display

LCD Type	18.5" LCD	Luminance	300 cd/m <sup>2</sup>
Resolution	1366*768	Contrast Ratio	1000: 1

### Touch Screen

Touch Screen	18.5" capacitive multi-touch screen	Hardness	6H
Transmittance	>85%		

### OS

OS	Kylin system 4.0.2
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### I/O Ports

USB	2*USB2.0/2*USB3.0, 1*TYPE C (download system)	Audio	Earphone+Line in
Serial Port	2*RS232 (optional RS485)	Video	1*HD
LAN	1*1000M+1*100M network interface	Expansion Slot	1*Mini PCIe



## Power

Power Input 12V DC aviation plug input (9~36V wide voltage module optional, standard 12/5A aviation plug power adapter)

## Environment

Shock Protection	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration	Operating Temp.	-10°C~60°C Surface air flow
Vibration Protection	10g acceleration, 11ms period	Storage Temp.	-20°C~70°C
Reliability	MTBF≥30000h; MTTR≤0.5h	Humidity	80% @50°C, no condensation
		IP Rating	Front panel IP65

## Mechanical

Dimension (WxHxD)	469.7mm*291.8mm*56.4mm	Material	All metal fanless design
Weight	4.9kg/5.7kg(N.W./G.W.)	Mounting	VESA installation: 100*100mm
Color	Black		Embedded installation: 455.7mm*280mm

## Dimensions:

