



### Introduction

**T8Pro** is a robust and durable vehicle mount computer, which is suitable for various vehicles to work in complex and harsh environments.

T8Pro adopts Qualcomm QCM6125 processor, 8-core 64-bit with 2.0GHz, has powerful CPU and GPU capabilities. It can provide 4-channel simultaneous video recording function to generate 4 video files.

T8Pro supports DISPLAY PORT interface, can realize dual-screen different display, and supports optional RTK GNSS module to realize RTK centimeter-level positioning and navigation to meet the needs of automatic or semi-automatic driving for agricultural, engineering or mining vehicles.

### Features

- Qualcomm high-performance 64-bit processor, QCM6125, up to 2.0GHz
- Supports 8GB+128GB memory configuration to meet the needs of high-performance scenarios
- Support 4-channel 720P camera video recording at the same time
- Support DISPLAY PORT interface, can realize dual-screen different display
- Support RTK high-precision centimeter-level positioning
- Support 9-36V power input, ISO7637-II vehicle power supply standard
- IP66 protection grade to meet the needs of complex and harsh working environment

### Application

Suitable for commercial vehicles such as agricultural tractors, excavators, cargo and transport trucks, engineering cranes, autonomous mining trucks, large trucks, buses, and taxi-hailing vehicles.

### Specifications

LCD		Port
Type	IPS screen	Power button x1
Size	8"	USBC port x1 (for software debugging)
Resolution	1280x800	USB Host A port x1
Brightness	>=500 CD/M2 (optional >=750 CD/M2)	TF Card x1
View Angle	>=170 degrees	Nano SIM Card x1
Touchscreen	Full lamination, multi-touch	TNC antenna port x2 (for external high-precision GNSS positioning antenna)
System		SMA antenna port x1 (for external LTE communication antenna)
Processor	64-bit 8-core processor, Qualcomm QCM6125, Kryo260CPU+Adreno 610GPU, frequency 2.0GHz	DP connector x1 (for connecting DP display)
Memory	4GB LPDDR4	23PIN connector x1 (function extension interface)
Storage	64GB EMMC	Default function: 1*CAMERA+1*CAN+2*Speaker+ 1*Headphone+1*Microphone+100Mbps Ethernet
OS	Android 11 /Android 13	Combo 1 function: 4*CAMERA+2*CAN+2*RS232+1*USB 2.0
RF Communication		Combo 2 function: 4*CAMERA+2*CAN+1*RS485+1*USB 2.0+2*GPIO_INPUT
WIFI	dual-band WIFI, 2.4&5GHz, 802.11a/b/g/n/ac	Physical
BT	BT5.1	Power
GNSS	Qualcomm built-in GNSS module	Dimensions
High Precision Positioning	Support RTK module UM982 (optional)	Environment
4G LTE	For Europe/India/Korea/South Asia/ Latin America/Australia/South Africa LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28 LTE-TDD: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B8 GSM: 850/900/1800/1900 MHz	Vibration
		Impact
		Humidity
		Working Temperature
		IP Rating

### Dimensions & Connectors



\*The default connector on the back is DP+23PIN+2\*TNC+1\*SMA, it can be customized