



### Introduction

**T10Pro** is a sturdy and durable vehicle-mount computer with high performance, which is suitable for various vehicles to work in complex and harsh environments.

T10Pro adopts Qualcomm QCM6125 processor, 8-core 64-bit with 2.0GHz, and has powerful CPU and GPU capabilities. It can provide 4-channel CAMERA simultaneous video recording function to generate 4 video files.

T10Pro supports optional radio module and RTK module. In the absence of 4G network, it can use the built-in radio module to receive RTK correction data and realize RTK centimeter positioning and navigation which is suitable for autonomous driving application of agricultural machinery and engineering vehicles.

### Features

- Qualcomm high performance 64-bit processor, QCM6125, up to 2.0GHz
- Support latest android system, ANDROID 13
- Default 4GB+64GB memory, supports up to 8GB+128GB memory
- Full lamination process, multi-touch, 10.1", 1280x800, brightness>=500 CD/M2, IPS screen, the view angle is greater than 170 degrees
- Support 4-channel 720P camera video recording simultaneously
- Support RTK high-precision centimeter-level positioning
- Optional RADIO module for receiving RTK correction data
- Support 9-36V power input, support 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	10.1"	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	14PIN connector x1 (function extension interface)
GPU	AdrenoTM 610 @ 950 MHz, support OpenGL® ES 3.2, DirectX® 12, OpenCL™ 2.0 Full, Vulkan® 1.1	23PIN connector x1 (function extension interface)
DSP	Qualcomm® Hexagon™ Processor, 1TOPS	Default configuration: 4*CAMERA+2*CAN+2*RS232+1*USB2.0
Memory	4GB LPDDR4	Physical
Storage	64GB EMMC	Power
OS	Android 11/Android 13	Dimensions
RF Communication		9 ~ 36VDC (ISO 7637-II)
WIFI	Dual-band WIFI, 2.4&5GHz, 802.11a/b/g/n/ac	Environment
BT	BT5.1	Vibration
GNSS	Qualcomm built-in GNSS module (optional)	Impact
High Precision Positioning	Support UNICORE UM482 or UM982 RTK module (optional)	Humidity
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	Working Temperature
Radio	Harxon 1022D, frequency 410-470MHz (optional)	IP Rating

### Dimensions & Connectors



\*The default connector on the back is 14PIN+23PIN+2\*TNC+1\*SMA, it can be customized