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# T130 / T150 *Welcome ODM!*

## Android All in One 13.3"/ 15.6" Panel PC with PoE

The T130/ T150 is Android 5.1.1 all in one panel PC with 13.3"/ 15.6" LCD. With its 1920 x 1080 FHD resolution LCD and supports 10-point projected capacitive multi-touch panel, T130/ T150 offers the user powerful interactive service for many different application. T130/ T150 supports VESA mount built-in, user can put it on any place that he needs. Also, integrated Wi-Fi and PoE LAN (RJ45) for connection to the Internet.

The T130/ T150 also can be used as an infotainment system as it provides access to IPTV / VoD, telephone, skype, radio, games and other apps, otherwise by integrating 3<sup>rd</sup> party software apk of self-service functions to order meals, for billing, self-education, and hospital room automation... It's the best choice for software company and system integration company!

### Application

- Interactive Services : Health Information and Patient Survey in hospital. Menu info and food ordering system in restaurant. Train, freight schedule and ticket ordering system in train station or airport. News browser or map search in hotel. Interactive Navigation System in shipping mall, museum and exhibition...
- Multimedia Services : VOD On-Demand content/Games/Socials

Kiosk



Digital Signage



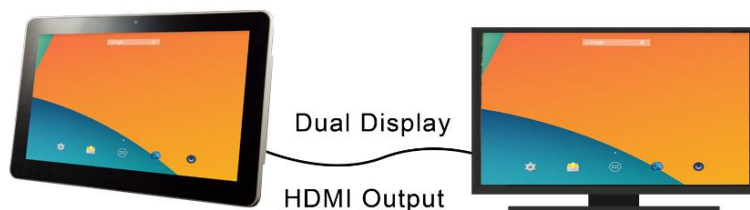
POS/Information Display



Bedside Information



- Support Dual-Screen : Build in HDMI output. This dual-screen display function is based on Android platform, which can display in tablet and extend to another one display screen by HDMI output.





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Interface:



Standard VESA 75mm x 75mm for VESA mount or mounting stand



## Product Feature

- HDMI Output support Dual Display Function
- Access to all available Android applications
- Quad-Core ARM Cortex-A17 1.8GHz equipped CPU
- Support H.265/HEVC Video Decode
- Internet video Streaming: UDP multicast, RTSP, HLS streaming
- System Upgrading by OTA Network
- Support User assign the APK for execution right after the system starts up
- Supported rooted Android system
- ADB by TCP/IP support for 3<sup>rd</sup> develop middleware
- PoE support and compliance with IEEE802.3at and IEEE802.3af (optional)
- Support 10-point projected capacitive multi-touch
- VESA mount built-in with 75mm x 75mm
- NFC support (optional)
- RS485 support (optional)

Product Specification		
Model Number	T130	T150
Operation System	Android 5.1.1	Android 5.1.1
Hardware specification		
LCD size	13.3"	15.6"
CPU (SoC)	Quad-Core ARM Cortex-A17 1.8GHz	Quad-Core ARM Cortex-A17 1.8GHz
GPU	Mali T764	Mali T764
RAM	DDR3-2GB	DDR3-2GB
Storage	8GB eMMC (default) / 16GB eMMC (optional)	8GB eMMC (default) / 16GB eMMC (optional)
Resolution	1920x1080 FHD resolution	1920x1080 FHD resolution
Brightness	220 nits	300 nits
Touch screen	PCAP touch (10 point multi-touch)	PCAP touch (10 point multi-touch)
Language	Default: English ; Multi-Language support	Default: English ; Multi-Language support



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NFC (optional)	ISO 18092 international standard (Reader/writer)	ISO 18092 international standard (Reader/writer)
	EMCA-340 standard	EMCA-340 standard
	ETSI TS 102 190 standard	ETSI TS 102 190 standard
	Support:	Support:
	Card emulation mode	Card emulation mode
	P2P mode	P2P mode
	Reader/ Writer mode	Reader/ Writer mode
	USIM SWP Secure Element	USIM SWP Secure Element
	Available Induction Distance: 3 cm	Available Induction Distance: 3 cm
RS485 (optional)	RS485 (optional)	RS485 (optional)
Network		
WiFi	802.11 b/g/n (default), 802.11ac (optional)	802.11 b/g/n (default), 802.11ac (optional)
PoE <b>(optional)</b>	PoE support and compliance with IEEE802.3at and IEEE802.3af	PoE support and compliance with IEEE802.3at and IEEE802.3af
Ethernet	Giga Ethernet 10/100/1000 Mbits	Giga Ethernet 10/100/1000 Mbits
Bluetooth	4.0 BLE	4.0 BLE
Interface		
HDMI Output	support Dual Display function	support Dual Display function
USB port	USB port x 1	USB port x 1
Micro SD Card	Micro SD card x 1	Micro SD card x 1
Ear Phone	3.5mm ear phone jack	3.5mm ear phone jack
Power Input	PoE input or Power adaptor input	PoE input or Power adaptor input
Network	PoE RJ45 LAN Port x 1	PoE RJ45 LAN Port x 1
Front Camera	2M Pixel	2M Pixel
Micro Phone	Micro phone inside	Micro phone inside
VESA Mount	VESA mount built-in with 75mm x 75mm	VESA mount built-in with 75mm x 75mm
Video Streaming		
UDP Streaming	Support multicast UDP stream decode	Support multicast UDP stream decode
RTSP Streaming	Support RTSP stream decode	Support RTSP stream decode
HLS Streaming	Support HLS stream	Support HLS stream
Media Parameter		
Video Decoder	Real-time video decoder of MPEG-1, MPEG-2, MPEG-4, H.263, H.264, AVS, VC-1, RV, VP6/VP8, Sorenson Spark, MVC	Real-time video decoder of MPEG-1, MPEG-2, MPEG-4, H.263, H.264, AVS, VC-1, RV, VP6/VP8, Sorenson Spark, MVC
	Error detection and concealment support for all video formats	Error detection and concealment support for all video formats
	Output data format is YUV420 semi-planar, and YUV400(monochrome) is also supported for H.264	Output data format is YUV420 semi-planar, and YUV400(monochrome) is also supported for H.264
	H.264 up to HP level 5.2 : 2160p@24fps (3840x2160)	H.264 up to HP level 5.2 : 2160p@24fps (3840x2160)
	MPEG-4 up to ASP level 5 : 1080p@60fps (1920x1088)	MPEG-4 up to ASP level 5 : 1080p@60fps (1920x1088)
	MPEG-2 up to MP : 2160p@24fps (3840x2160)	MPEG-2 up to MP : 2160p@24fps (3840x2160)
	MPEG-1 up to MP : 1080p@60fps (1920x1088)	MPEG-1 up to MP : 1080p@60fps (1920x1088)
	H.263 : 576p@60fps (720x576)	H.263 : 576p@60fps (720x576)
	Sorenson Spark : 1080p@60fps (1920x1088)	Sorenson Spark : 1080p@60fps (1920x1088)



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	VC-1 up to AP level 3 : 1080p@30fps (1920x1088)	VC-1 up to AP level 3 : 1080p@30fps (1920x1088)
	RV8/RV9/RV10 : 1080p@60fps (1920x1088)	RV8/RV9/RV10 : 1080p@60fps (1920x1088)
	VP6/VP8 : 2160p@24fps (3840x2160)	VP6/VP8 : 2160p@24fps (3840x2160)
	AVS : 1080p@60fps (1920x1088)	AVS : 1080p@60fps (1920x1088)
	MVC : 2160p@24fps (3840x2160)	MVC : 2160p@24fps (3840x2160)
	For AVS, 4:4:4 sampling not supported	For AVS, 4:4:4 sampling not supported
	For H.264, image cropping not supported	For H.264, image cropping not supported
	For MPEG-4, GMC(global motion compensation) not supported	For MPEG-4, GMC(global motion compensation) not supported
	For VC-1, upscaling and range mapping are supported in image post-processor	For VC-1, upscaling and range mapping are supported in image post-processor
	For MPEG-4 SP/H.263/Sorenson spark, using a modified H.264 in-loop filter to implement deblocking filter in post-processor unit	For MPEG-4 SP/H.263/Sorenson spark, using a modified H.264 in-loop filter to implement deblocking filter in post-processor unit
Image browser	JPEG, BMP, PNG	JPEG, BMP, PNG
Others		
Operating Temperature	0 ~ 45°C	0 ~ 45°C
Storage Temperature	-20°C ~ 50°C	-20°C ~ 50°C
Humidity environment	5% ~ 90% (No condensation)	5% ~ 90% (No condensation)
Power Supply (AC Adapter)	100 ~ 240 V AC, 50/60 Hz, DC output: 12V/ 2.5A	100 ~ 240 V AC, 50/60 Hz, DC output: 12V/ 2.5A
Dimension	35.5 cm x 22.8 cm x 3.2 cm	40.4 cm x 25.3 cm x 3.3 cm
Accessories	AC Adapter / Brown BOX	AC Adapter / Brown BOX