

深圳金亚太科技有限公司
Shenzhen Geniatech Co.,Ltd.

SPECIFICATION

MODEL:TPC1560K3

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Revision History

VERSION	DATE	BOARD ID	PAGE	DESCRIPTION	AUTHOR
V1.0	2021/2/18				

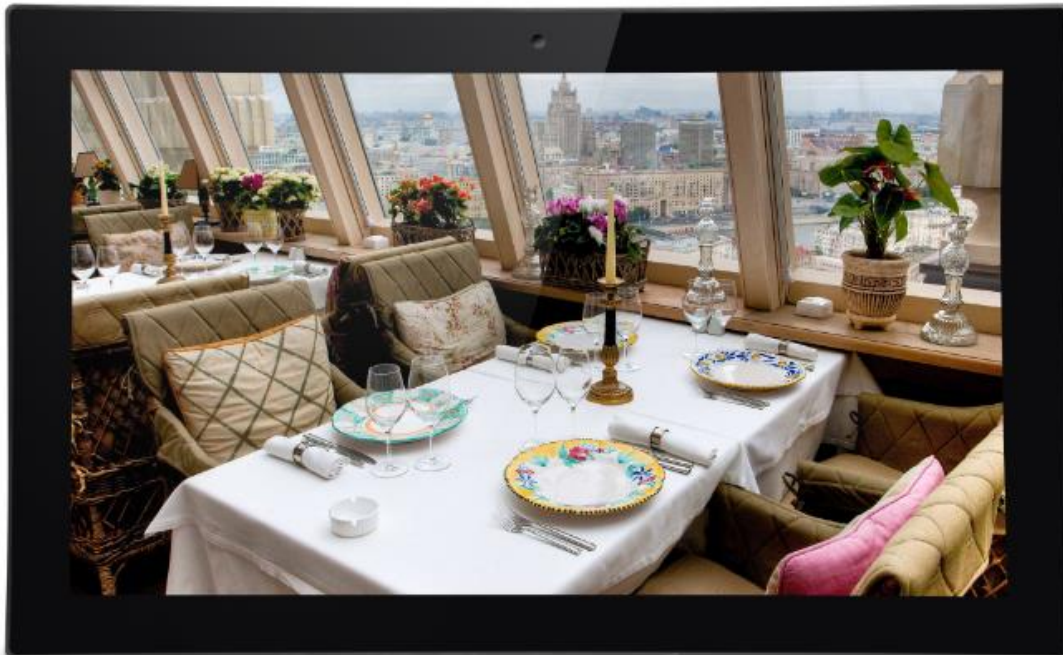
1. GENERAL DESCRIPTION

TPC1560K3 is an Android Customized Tablet PC with below new features:

- (I) 15.6" color TN LCD, 10points projected capacitive touch screen
- (II) Quad Core Cortex A55 @1.8GHz, Android 11.0 or linux Debian OS
- (III) 2GB RAM, 16GB eMMC flash, external expansion storage Micro SD card (max. 256GB)
- (IV) Metal frame, support customizing wall mount
- (V) USB, Micro SD, external storage, support program playback
- (VI) Built-in WiFi, LAN interface
- (VII) Designed for retail, interactive communication

2. PRODUCT OVERVIEW

Below pictures are for reference only, please prevail in kind.



3. FEATURES

Dimension	388*245*53.6(mm)	
Active Area(mm)	344.16*193.59(mm)	
CHIPSET	Rockchip RK3568	
MARKET AREA	Global	
OSD LANGUAGE	English/Chinese (multi language OSD)	
Processor	OS	Android 11.0/Linux Debian
	CPU	Quad-core Cortex-A55 up to 1.8GHz

		GPU	Mali-T764
		DDR	2GB (1G/4G/8G optional)
		EMMC FLASH	16GB (8G 32G 64G optional)
Touch Screen		10 Point Capacitive	
Display		Panel	15.6" LCD
		Resolution	1920*1080
		Viewing Angle	85°
		Contrast	500:1
		Brightness	350 cd/m2
		Screen	16:9
NETWORK	Ethernet	RJ45, 10/100M	
	WiFi	802.11a/b/g/n/ac	
	Bluetooth	BT4.2(BT5.0 Optional)	
	3G/4G	Optional	
Interface		Micro SD card *1(max. 256GB) HDMI out*1 USB 2.0*2 USB 3.0*2 RS-232*1 RS-485*1 DC IN*1	
Speakers		2*3W(Max to 2 x 10W)	
Adapter		DC12V / 3A	
Accessory		Adapter*1, wifi antenna *2	

4.Support Formats

Video Decoder

- H.265 HEVC/MVC Main10 Profile yuv420@L5.1 up to 4096x2304@60fps
- H.264 AVC/MVC Main10 Profile yuv400/yuv420/yuv422/@L5.1 up to 4096x2304@60fps
- VP9 Profile0/2 yuv420@L5.1 up to 4096x2304@60fps
- VP8 version2, up to 1920x1088@60fps
- VC1 Simple Profile@low, medium, high levels, Main Profile@low, medium, high levels, Advanced Profile@level0~3, up to 1920x1088@60fps
- MPEG-4 Simple Profile@L0~6, Advanced Simple Profile@L0~5, up to 1920x1088@60fps
- MPEG-2 Main Profile, low, medium and high levels, up to 1920x1088@60fps
- MPEG-1 Main Profile, low, medium and high levels, up to 1920x1088@60fps
- H.263 Profile0, levels 10-70, up to 720x576@60fps

Video Encoder

- H.264/AVC BP/MP/HP@level4.2, up to 1920x1080@60fps
- H.265/HEVC MP@level4.1, up to 1920x1080@60fps (4096x4096@10fps with TILE)
- Support YUV/RGB video source with rotation and mirror
- JPEG decoder

- JPEG Baseline interleaved, max resolution up to 8176x8176, performance up to 76 million pixels per second

JPEG encoder

- Baseline Non-progressive
- up to 8192x8192
- up to 90 million pixels per second

5.Precautions for use

- 1.Relative humidity: $\leq 80\%$.
- 2.Storage temperature:-15 ~ 65 °C
- 3.Operation temperature:-10~ +60°C
- 4.Do not squeeze ,distort or disassemble the PC.
- 5.Keep the PC away from static electricity .
- 6.Keep the PC away from water and other liquid.
- 7.Clean the PC with soft and clean dry cloth when it's dirty.
- 8.Don't use long connect wires which may affect performance and image quality.