

# PREMIUM GLASS SIGNAGE

A wide range of Interactive Kiosk Solutions developed and fabricated in Mixed Medium and are handcrafted for ethnic look and feel. The signage and its stands come with individual customised Logo for Branding Purpose. The colour and look are also customised for a wide range of application as per requirements.

## Features

- Android
- Signage Application
- Content Management System
- Cloud Management System
- Local Area Content Management System
- U-Disk Playback System
- Built-in Audio



## Application Area

Retail | Healthcare | Educational Institutions | Hotels & Restaurants  
Financial Institutions | Entertainment Zone | Corporate Area  
Shopping Malls | Reception Area | Lounge Area

## Display Panel Specifications

| Variable                          | 24" [GPM-04-24]                   | 32" [GPM-04-32]                   | 43" [GPM-04-43]                   | 55" [GPM-04-55]                   |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>Panel Size</b>                 | 24 inch                           | 32 inch                           | 43 inch                           | 55 inch                           |
| <b>Panel</b>                      | IPS display                       | IPS display                       | IPS display                       | IPS display                       |
| <b>Resolution</b>                 | 1080 x 1920                       | 1080 x 1920                       | 1080 x 1920                       | 2160 x 3840                       |
| <b>Contrast Ratio</b>             | 1200 : 1                          | 1200 : 1                          | 1200 : 1                          | 1200 : 1                          |
| <b>Viewing Angle</b>              | 178°                              | 178°                              | 178°                              | 178°                              |
| <b>Luminance</b>                  | 300 nits                          | 350 nits                          | 400 nits                          | 450 nits                          |
| <b>Aspect Ratio</b>               | 16 : 9   9 : 16                   | 16 : 9   9 : 16                   | 16 : 9   9 : 16                   | 16 : 9   9 : 16                   |
| <b>Display colors</b>             | 16.7 M (8 bits - true) colors     | 16.7 M (8 bits - true) colors     | 16.7 M (8 bits - true) colors     | 1.07 G (8 bits - FRC) colors      |
| <b>Display mode</b>               | Transmission mode, Normally Black | Transmission mode, Normally Black | Transmission mode, Normally Black | Transmission mode, Normally Black |
| <b>Active area (W x H)</b>        | 296.46 x 527.04                   | 392.8 x 698.4                     | 529.25 x 940.89                   | 680.4 x 1209.6                    |
| <b>Operating Temperature</b>      | 0°C - +50°C                       | 0°C - +50°C                       | 0°C - +50°C                       | 0°C - +50°C                       |
| <b>Storage Temperature</b>        | -20°C - +60°C                     | -20°C - +60°C                     | -20°C - +60°C                     | -20°C - +60°C                     |
| <b>Operating Ambient Humidity</b> | 10%RH - 80%RH                     | 10%RH - 80%RH                     | 10%RH - 80%RH                     | 10%RH - 80%RH                     |
| <b>Storage Humidity</b>           | 10%RH - 80%RH                     | 10%RH - 80%RH                     | 10%RH - 80%RH                     | 10%RH - 80%RH                     |

## Electrical & Physical Specifications

| Electrical & Physical specification |                               | 24"                       | 32"            | 43"             | 55"             |                 |
|-------------------------------------|-------------------------------|---------------------------|----------------|-----------------|-----------------|-----------------|
| <b>Input Power Supply</b>           | 220 V - 240 V, 1 Ph.<br>50 Hz | <b>Dimensions (W x H)</b> | 484 x 847 (mm) | 585 x 1093 (mm) | 757 x 1165 (mm) | 898 x 1413 (mm) |
| <b>Operating Voltage</b>            | 12 V DC                       | <b>Gross Weight</b>       | 8.05 kg        | 11.85 kg        | 16.45 kg        | 22.05 kg        |
| <b>Standby</b>                      | 0.5 W                         | <b>Cabinet Material</b>   | Glass          | Glass           | Glass           | MS Glass        |

## Hardware Specifications

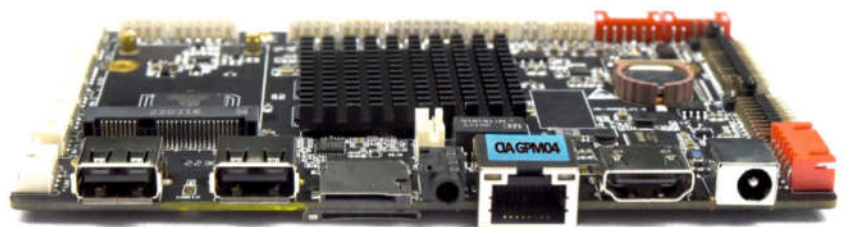
|                                  |  |
|----------------------------------|--|
| <b>CPU</b>                       | RK3399 highest 64 bit high performance CPU, Frequency up to 1.8 Ghz;<br>1. Dual Cortex-A72 big-core + Quad Cortex-A53 little-core 64-bit CPU<br>2. Build in low energy consumption MCU Cortex-M0   |
| <b>CPU</b>                       | Quad Cortex ARM Mail-T864 high performance GPU   |
| <b>Menory</b>                    | Default 2 GB   4 GB  |
| <b>Build-in ROM</b>              | 32KB EEPROM  |
| <b>Build-in storage capacity</b> | Default 16 GB (64 GB optional)   |
| <b>Network</b>                   | Adaptive 100M / 1000M Ethernet;<br>Support 204G / 5G Wi-Fi, support Wi-Fi 802.11b/g/n protocol;<br>Built-in WCDMA, EVDO, 4G full Netcom, support voice calls.  |
| <b>Image rotation</b>            | Support manual rotation of 0 degrees, 90 degrees, 180 degrees, 270 degrees<br>1* LVDS interface (single / dual, 6-bit / 8-bit), support 7" - 108" display screen 1080P 60HZ output, support 3.3 V / 5 V / 12 V power supply<br>1 HDMI2.0 interface; Support 1080P 60HZ, 4K*2K 60HZ output.<br>Support dual screen simultaneous display function, can directly drive interface EDP interface screen with multiple resolutions.<br>Onboard backlight control supports 12 V backlight power supply. |
| <b>HDMI in or TF</b>             | 1 HDMI IN or 1 TF card   |
| <b>Audio</b>                     | Support standard left and right channel line output  |
| <b>Power amplifirer</b>          | 2 outputs (8 ohms, 10 watts dual audio amplifier output)   |
| <b>Microphone</b>                | Differential MIC input   |
| <b>Touch screen</b>              | Support USB multi-point infrared touch, multi-point capacitive touch, multi-point nano film touch, multi-point acoustic wave touch, multi-point optical touch and more.  |
| <b>RCT</b>                       | Built-in real-time clock function  |
| <b>USB</b>                       | 2 USB 3.0, 4 extended USB 2.0  |
| <b>Infrared</b>                  | Infrared receiver, support infrared remote control function  |
| <b>LED</b>                       | 1* power status LED (green), 1* system LED (green blinking in default)   |
| <b>Button</b>                    | 1* upgrade key   |
| <b>Serial port</b>               | 1 Rs232, 1 R S485, 1 UART / TTL  |
| <b>IO</b>                        | 4 KIO ports, support 5 IO input and output control, can be used as key scanning control  |
| <b>Serial port</b>               | 30 pin FPC interface, Largest support 1300 w Camera  |
| <b>Power Adapter</b>             | Input : AC 100-240 V 50-60 HZ, Output : DC 12 V 1.5 A<br>(Requires surge voltage less than 18 V and ripple voltage less than 100 mV)   |



## Software specifications

|  |   |
|--|---|
| Operating system                       | Android 10.0  |
| Audio                                  | Mp3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP and other formats   |
| Video                                  | Support AVI, rm, rmvb, MKV, WMV, MOV, MP4, DAT, PMP, MPEG, MPG, FLV, ASF, TS, TP, 3GP, MPG and other formats  |
| Image                                  | Support various image formats such as JPG, BMP, PNG   |
| System comes with application software | APK Installer, Email, Calculator, Browser, Recorder, Calendar, Settings, Clock, Video Player, Search, Contacts, Gallery, Download, Camera, Music, Explorer, etc.  |
| Language                               | Support multi-language  |
| Input method                           | Standard Android Keyboard with optional third-party input method  |
| System Management                      | Original ecological Android system, open root permissions, and can customize product development<br>Real-time remote monitoring, system crash self-recovery, unattended 7 x 24 hours<br>Support OTA remote upgrade; support U disk upgrade<br>Support boot animation definition<br>Support server / stand-alone mode switching<br>Support WI-Fi hotspot |
| System watchdog                        | Support software watchdog   |

## LCD Digital Signage Motherboard



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