SNAPPY

15.6 inch Ticket Dispenser Free Standing

Specification

CPU	:	Rockship RK2388 quad-core cortex-A17 quad-core GPU Mail-T764
RAM	:	DDR3 2G / 4G Optional
Built-in-storage capacity	:	EMMC 8GB/16G/32G/64G optional (labled 8GB, Support NAND FLASH)
Audio	:	MP3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP formats
Video	:	Supports 2160P @ 24FPS solution of H.264, MPEG2, VP6, VP8, MVC and other video formats. online video such as you tube, upto 4K, HTML5 video playback, Flash 10.1 playback
operating system	:	Android
Basic software functions	:	Web browsing, web chat, email, e-book, explorer

Features

- Easy, Customizable and Reliable
- Multi-Language Support
- Interactive graphical user interface with Touch screen
- Language Selection
- Service Selection
- Ticket Printing
- Built-in web server
- Ticket Management

Smart Card Reader

Features

- Plug and Play - Designed to facilitate easy device installation with high quality drivers* for all major PC operating systems
- Readily Compliant - Meets all relevant industry standards for smooth integration in PC environment
- Convenient and Reliable - Multiple base options, robust housing, long USB cable
- Suits Any Application - Compatible with virtually any smart card and major PC operating systems

Specification

HOST INTERFACE	
Transmission speed	12 Mbps (USB 2.0 full speed)
Power supply	Bus powered
Operating temperature	32°-131° F (0° - 55° C)
Operating humidity	10-90% rH

SMART CARD INTERFACE	
Standards	ISO 7816 & EMV2 2000 Level 1
Protocols	T=0, T=1, 2-wire: SLE 4432/42 (S=10), 3-wire: SLE 4418/28 (S=9), I2 C (S=8)
Card size	ID-1 (full-size)
Smart Card Interface Speed	420 kbps (when supported by card)
Smart Card clock frequency	Up to 8 MHz
Supported card types	5V, 3V and 1.8V Smart Cards, ISO 7816 Class A, B and C
Power to Smart Card	60 mA
8 Pin Handling	C4 / C8 supported
Status Indicator	Dual color LED
Reader Board	Also available as PCB
Color	Two-tone gray
Options	Customer Specific Logo, Label and Colors: Available upon request
Composition	ABS
Connector cable	70.9" (180 cm)
Durability	100,000 insertions
Meantime between failure (MTBF)	500,000 hours
Compliance / Certification	Microsoft® WHQL3, EMV2 2000 Level 1, ISO 7816, HBCI4, USB 2.0 (USB 1.1 compatible), CCID1, GSA FIPS 201 approved product list
Safety / Environmental	CE, WEEE, FCC, UL, VCCI, MIC, RoHS

1 = Chip Card Interface Device, 2 = Europay®, MasterCard®, Visa®, 3 = Windows®, Hardware Quality Lab , 4 = Home Banking Computer Interface

3 inch thermal kiosk printer

Features

- Brand name printer mechanism High printing speed
- Auto cutting (full/partial by Adjustable) Interfaces diversification
- Multiple detection sensors Paper jam prevention Support Windows/Linux/Android OS/Raspberry pi
- Support the paper roll diameter:Φ150mm(Max)

Application

- Payment kiosk ; information machine ; parking system ; queue management kiosk; ATM; gas station kiosk; ticket vendor,multimedia kiosk; self-service terminal and more

Specification

Printing Method	Thermal dot line printing
Resolution	432 dots/line
Dot Pitch	8 dots/mm
Paper Width	58mm
Printing Width	54mm
Paper Thickness	54-78 um
Printing Speed	200 mm/s
Paper Loading	Easy Loading
Font Size	ASCII: 9*17; 12*24
Interface	RS-232
Barcode	Supported
Power Supply	DC 24V/2.5A
Reliability	Circuit: Over 1,000,000,000 pulses; Cutter: Over 7,000,000 cuts Thermal head: Over 100 kms MCBF: 37,000,000 lines

Physical Property		Ambient Environment		
Weight	Approx 1.2kg	Work	Temperature: -10℃~50℃	Humidity: 20~85% RH
Dimension	196.9*121.5*131.5 mm	Storage	Temperature: -25℃~70℃	Humidity: 10~90% RH

Motherboard Specification

CPU	Rockship RK2388 quad-core cortex-A17 quad-core GPU Mail-T764
Main frequency	1.8 GHz
RAM	DDR3 2G / 4G Optional
Built-in-storage capacity	EMMC 8GB/16G/32G/64G optional (labled 8GB, Support NAND FLASH)
Display interface	LVDS interface (single, 6-bit dual, 8-bit dual).Supports maximum resolution 1920X1080 and 7″ - 84′ display EDP interface maximum resolution 4K
Screen voltage	Support 3.3V / 5V / 12V optional

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Motherboard Specification

Touch screen	Provide 12C interface (can support multi-point resistive touch, multi-point capacitive touch
The internet	With RJ45 interface, support 10/100 / 1000M Ethernet
	With Wifi & BT module, support Wi-Fi 802.11b /g /n protocol.support BT4.0
Image rotation	Support 0 degree. 90 degree, 180 degree, 270 degree manual / auto rotation, support gravity sensing function
Real time clock	Built-in Real-time clock-powered battery
Interface Equipment	Support MIPI interface camera, up to 500W pixels
	5 USB HOST, 1 USB OTG (support Usb CAMERA @ 500w USB printing machine, U disk mouse, keyboard, standard USB peripherals
	3 serial ports. support external serial device module (NFC module, printer, card reader etc..)
	TF Card, up to 32 GB
	Class D power amplifier : 3W * 28 ohm, support microphone
	HDMI 2.0 output
Audio	MP3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP formats
Video	Supports 2160P @ 24FPS solution of H.264, MPEG2, VP6, VP8, MVC and other video formats.Online video such as you tube, upto 4K, HTML5 video playback, Flash 10.1 playback
Image	Supports various picture formats such as JPG, BMP, PNG, and supports rotation slideshow playback/picture zoom function
Power Adapter	Input: AC100-240V.50-60Hz, output: DC12V 3A

Basic Software Specification

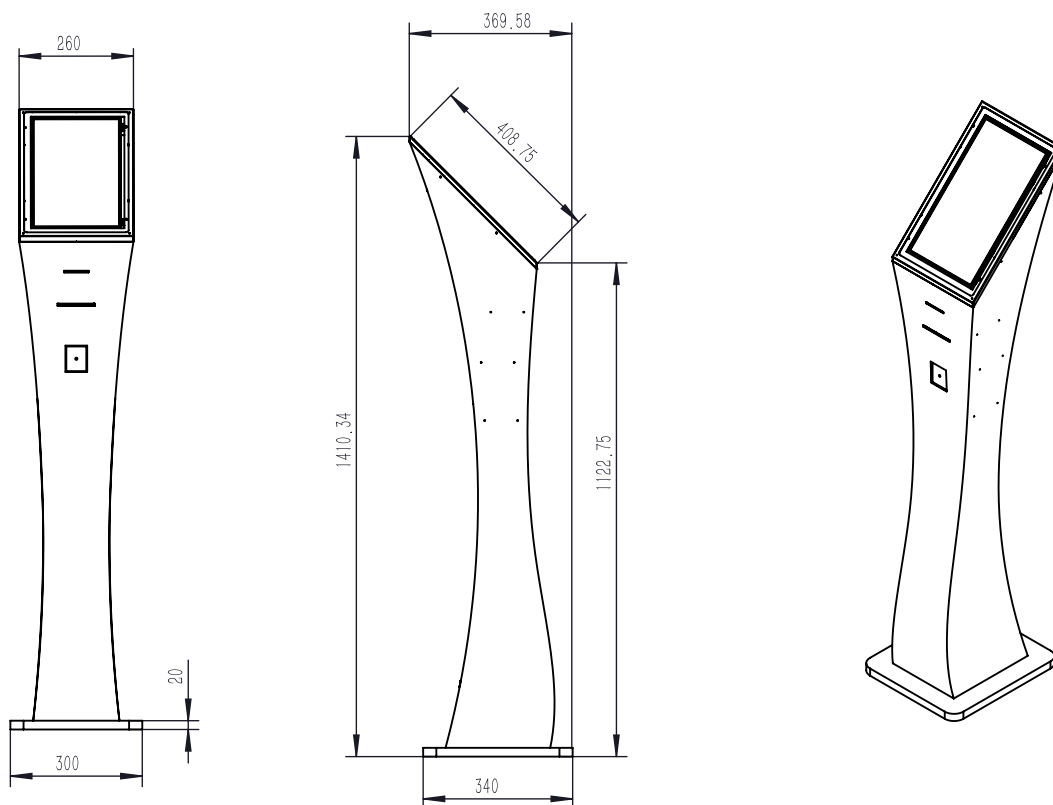|	
Operating system	Android 4.2, 4.4, 5.1
Basic software functions	Web browsing, web chat, email, e-book, explorer
Sound mode	Clock, alarm clock, calculator, recording
Language support	multi-lingual
Recording	Support MP3, WMA format recording
Tool	Calendar, Alarm clock, calculator, note, weather+clock, recording
Word processing	EPUB, WORD, EXCEL, POWERPOINT, PDF, TXT
Ebook	PDF / TXT / CHM / DOC / EXCEL / EPUB / RTF / FB2
schedule	calendar
Input	Standard Andriod keyboard, optional third-party input method (Chinese, Korean, Japanese, etc.)
The internet	Browser - chromelite, GOOGLE Market, Email, Gmail, google talk

System management	Support OTA remote upgrade, U disk upgrade, SD upgrade (silent installation)
	Original Android system, open root permissions, and can customize product development
	Support three-screen display and simultaneous output
	Customizable local or remote server management system
	Supports multiple third-party Android remote advertising publishing systems
	Support multiple serial devices, USB devices, IO control devices
	Support dual screen different display

QR Reader

Features

- Mini size, widely used in wireless machine, self-service terminal.

- Read all mainstream 1D 2D barcodes in the market easily.

- Support USB barcode information transmission. (languages customization)

- High brightness, dark environment scanning, low power consumption.

- Interface: USB, RS232

- Support multiple systems and languages, secondary development.

- Voice broadcasting can be supported.

Dimension (mm)