SNAPPY

32 inch
Ticket Dispenser

Free Standing

Technical Specification

Active Area	: 698.4(H)X392.85(V) mm
Number Of Pixels	: 1920(H)X1080(V) px
Display Colors	: 16.7M(8bits-true)
Display Mode	: Transmission mode, Normally Black
Power Consumption	: 4.0 Watt
CPU	: Rockship RK3288 quad-core cortex-A17 quad-code GPU Mali-T764
RAM	: DDR3 2G/4G Optional
Screen Voltage	: Support 3.3V / 5V / 12V Optional
Audio	: MP3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP Formats
Video	: Support 2160P @ 24FPS solution of H.264, MPEG2, VP6, VP8, MVC and other video formats
Shape	: Size W127mmXD92mmXH58mm
Operating System	: Android 4.2, 4.4, 5.1
Language Support	: Multi-Lingual
Basic Software Function	: Web browsing, web chat, email, e-book, explorer
Recording	: Support MP3, WMA format recording
Interface Equipment	: TF Card, up to 32 GB
	: Class D power amplifier : 3W * 28 ohm, support microphone

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

- ◆ User management

- ◆ Ticket management

Screen specification

Parameter	Specification	Unit	Remarks
Active area	698.4(H) X 392.85(V)	mm	
Number of pixels	1920(H) X 1080(V)	pixels	
Pixel pitch	121.25(H) X RGB X 363.75(V)	µm	
Pixel arrangement	Pixels RGB Vertical stripe		
Display colors	16.7M(8bits-true)	colors	
Display mode	Transmission mode, Normally Black		
Open cell transmittance	TBD (typ.)	%	At center point with BOE BLU
Weight	850	gram	
Power Consumption	4.0	Watt	
Surface Treatment	Haze 1%		

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 (labeled 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
Touch screen	Provide 12C interface (can support multi-point resistive touch, multi-point capacitive touch.
	Support USB multi-point infrared touch, multi-point sonic touch, multi-point optica 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
	Support MIPI interface camera, up to 500W pixels
Interface Equipment	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..)

Motherboard specification

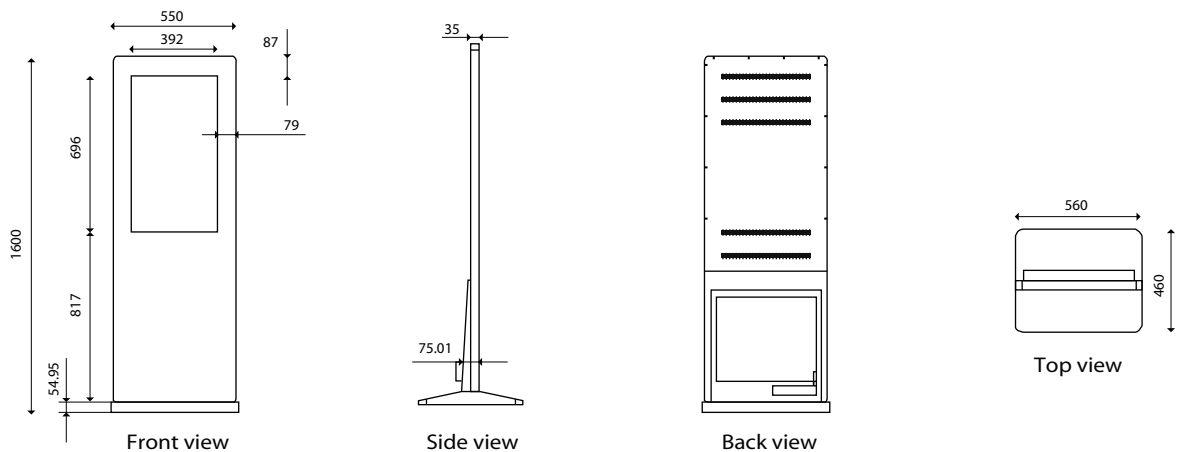|	
	TF Card, up to 32 GB
	Class D power amplifier : 3W * 28 ohm, support microphone
	HDMI 2.0 output
Audio	MP3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP formats
Video	Supports 2160P @ 24FPS solution of H.264, MPEG2, VP6, VP8, MVC and other video formats
Image	Online video such as Youtube, up to 4K, HTML5 video playback, flash 10.1 playback
Power Adapter	Supports various picture formats such as JPG, BMP, PNG, and supports rotation slideshow playback

Printer specification

Print	Printing method	Line thermal printing
	Resolution	203dpi
	Printing speed	150mm / s（max）
	Print width	576dots (72mm)
	Paper width / thickness	80 ± 0.5 mm / 60 ~120μm
	Paper feeding method	Automatic paper suction
	Paper cutting method	full cut / half cut (choose one)
	Print Length	50 KM
	Cutter life	1 million times
Character	FONT A	12 * 24points
	FONT A	9* 19points
	GB18030 Simplified chinese	24 * 24points
	GB2312 Simplified chinese	16 * 16points
Detection	Print head temperature	Temperature sensor
	Life detection	Micro switch
	Out of paper detection	Mechanical photoelectric sensor
Condition	Operating voltage	$24V \pm 10\%$ V
	Power consumption	Average current 2.5A
	Maximum transient current	6.0A max
Surrondings	Operating temperature	$-10 \sim 50^0$ C (non-condensing)
	Operating humidity	20%~85% RH (85%RH at 40^0 C)

	Storage temperature (240 hours)	$\sim20\sim60^0$c (non-condensing)	
	Storage humidity (240 hours)	10%~90% RH (90%RH at 50^0 C)	
	Long term storage	5~35^0 C	40%~70%RH
Shape	Size	W127mmXD92mmXH58mm	

Basic software specification

Operating system	Android 4.2 4.4 5.1
Basic software function	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 android keyboard, optional third-party input method (chinese, korean, japanese, etc..)
Network	Browser-chrome lite, 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.
	Supports multiple serial devices, USB devices, IO control devices
	Supports dual screen different display.

Overall size (mm)

Front view

Side view

Back view

Top view

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