

FT30RK3576KCAPOB

v1: GL: TBD | EU: TBD



Prototype Datasheet (Preliminary)

Pictures show sample configurations, real product may vary.

DISPLAY

Display Size [inch]	30.0
Aspect Ratio	16 : 9
Resolution	1366 × 768
Active Area [mm]	664.29 × 373.48
Brightness [cd/m²]	200
Contrast Ratio	135,000 : 1 (880) / 1,050,000 : 1 (810L)
LED life time [h]	30000
Viewing Angle [°]	120/ 120
Display Interface	v by one

PC/MONITOR SYSTEM

Processor	Rockchip RK3576
Chipset	Quad-Core Cortex-A72 & Quad-Core Cortex-A53
Standard Operating System	Android 14
RAM Size	4 GB DDR
EMMC Size	32 GB eMMC
GPU	Mali G52 MC3
NPU	6.0Tops
Loudspeaker	2× 4Ω 2W
Wifi + BT	2.4GHz, 5.0GHz + Bluetooth 4.2
Fans (24V)	2
DC IN (12V)	1
USB 2.0	3
USB 3.0/OTG	1
RJ45 Ethernet Network (10/100 Mbit/s)	1
HDMI Out 2.0	1
TF Card	1
Line-Out	1
AC In:100~240V	1

STANDARD CONFIGURATION

Scanner/Imager	Newland EM20-85 with integrated NFC
Scanner	Custom P3
Receipt Printer	Included

OPTIONAL CONFIGURATION

Microphone Array	Optional (contact us for more info)
48MP Camera	Optional (contact us for more info)
Proximity Ultrasonic Sensor	Optional (contact us for more info)
Custom NFC Reader	Optional (contact us for more info)
RGB pole light (status light)	Optional (contact us for more info)

TOUCH PANEL

Touch Type	Projected Capacitive 10-point Multi-touch
Printing Type	Organic
Glass Thickness [mm]	2.0
Cover Glass Surface Treatment	AG (chemical etching)
IK Protection	IK08
Printing Color	RAL9004 (Black)
Strengthening	Thermally Strengthened
Touch Controller	ZBCMKBZFAY008-A
Touch Interface	USB
Touch Resolution RX	78
Touch Resolution TX	45
Optical Bonding	Clear Bond®

ENVIRONMENTAL CONDITIONS

Operation Temperature	-10°C to 60°C
Storage Temperature	-20°C to 60°C
Humidity Range	10% to 90%

CERTIFICATIONS

CE Certificate	Yes
FCC Certificate	Yes

CHASSIS

Case Design	Aluminum
IP Protection	IP40
Case Color	RAL9004 (Black)
Case Coating	Powder Coating
Case Material	Aluminum
Case size L × W × H [mm]	TBD
Mounting	free-standing

ACCESSORIES

Power Cable	100-240V AC
Short Instruction manual	Yes
Stable Metal Stand	Yes

INTENDED USE/APPLICATION

The device is to be used as (touchscreen) Kiosks for indoor use as self-service solution.

Direct sunlight might increase the device temperature beyond the allowed storage and operation conditions. Therefore the devices must be protected against direct sunlight. Devices operated or stored outside the specified temperature ranges are not covered by warranty.

POWER

Power Indicator	Green LED
Working Power	100-240V
Power Consumption	45W
Stand-By Consumption	<2W

WEIGHT & PACKAGING

	Net Weight	74.0 kg.
Touch Kiosk	Gross Weight	109.0 kg (incl. Cartonage)
	Packaging Size L × W × H [mm]	590.0 × 760.0 × 1810.0
Packaging Material	Wooden crate, with 100% recyclable wood and polyethylene (PE)	

DIMENSIONS

Pictures show sample configurations, real product may vary.

30" FULL TRANSPARENT OLED TOUCH KIOSK (RK3576)

TBD

UPDATE NOTES:

Version:	Changes:
v1	First version