POE ANDROID TOUCH COMPUTER

15.6" PoE Android Touch Computer

All-in-one PCAP touch computer powered over Ethernet (IEEE 802.3at), running Android 14 on the Rockchip RK3576S.



PART NO. 1A0197-01

15.6"	1920×1080	250	Android 14
DIAGONAL	RESOLUTION	NITS	OPERATING SYSTEM

KEY FEATURES

- Single-cable install: power and data over IEEE 802.3at PoE
- 10-point projected capacitive touch
- RK3576S processor, 4GB RAM, 32GB storage
- Android 14 with gigabit Ethernet, Wi-Fi 6 and Bluetooth 5.4
- RGB LED status light bars for room and queue status
- Optional NFC (13.56 MHz) and 125 kHz RFID readers
- Custom OS image, app preload, branding and mounting options

KEY SPECIFICATIONS

Size	**15.6"**
Resolution	**1920 × 1080**
Brightness	**250 cd/m²**
Touch	**10-point PCAP**
Operating system	**Android 14**
Processor	**RK3576S Quad core cortex A72+Quad core cortex A53**
Memory	**4GB**
Storage	**32GB**
Power	**PoE IEEE 802.3at; 12 V DC input**
Mounting	**VESA 100×100mm**
Dimensions (L×W×H)	**401.81 × 252.91 × 30.2 mm**
Operating temp.	**0 to 40 °C**

APPLICATIONS Meeting-room booking · Wayfinding · Check-in and self-service · Retail and hospitality signage · Access control

Design it in with DCLTEK.

Custom OS images, app preload, branding and mounting, backed by US-based engineering and support.

Request a quote or samples

sales@dcltek.com · 1-800-407-8917
www.dcltek.com

Full specifications — 15.6" PoE Android Touch Computer

SYSTEM

CPU	**RK3576S Quad core cortex A72+Quad core cortex A53**
GPU	**ARM Mali G52 MC3**
NPU	**3.0 TOPS**
RAM	**4GB**
Internal memory	**32GB**
Operating system	**Android 14**

DISPLAY

Panel size	**15.6"**
Resolution	**1920 × 1080**
Color gamut	**45% NTSC**
Viewing angle	**R/L 85/85, U/D 85/85**
Contrast ratio	**1000:1**
Brightness	**250 nits**
Backlight lifetime	**30000h**
Aspect ratio	**16:9**

TOUCH

Touch type	**Capacitive touch screen**
Touch points	**10-Point**

NETWORK

WiFi	**IEEE 802.11a/b/g/n/ac/ax (Wi-Fi 6)**
Bluetooth	**Bluetooth 5.4**
Ethernet	**10M/100M/1000M ethernet**

INTERFACE

Card slot	**1×SD card slot, Supports up to 128GB**
Earphone	**1×3.5mm earphone**
USB-A	**1×USB 3.0 host**
USB-A	**1×USB for serial (TTL Level), Optional USB Host**
RJ45	**1×Ethernet interface (POE as Standard, IEEE 802.3at)**
Type-C	**1×Type-C (Only supports OTG)**
Power jack	**DC 12V power input**

MEDIA

Decoder	**H.264, H.265, VP9, AV1, AVS2, JPEG**
Encoder	**H.264, H.265, JPEG**

OTHER

Color	**White/Black**
Button	**Power**
VESA	**100×100mm**
G-sensor	**Supports 90 degree rotation**
Speaker	**8Ω*2W*2**
Microphone	**single microphone**
NFC	**Optional, NXP PN7160, ISO/IEC 18092(NFCIP-1), ISO/IEC 21481(NFCIP-2), ISO/IEC 14443A, ISO/IEC 14443B, ISO/IEC15693, Mifare Classic, Mifare Ultralight, MIFARE DESFire EV1/ EV2, Sony FeliCa**
RFID	**Optional, 125k, ISO/IEC 11784/11785, EM4100, TK4100/GK4100**
LED light bar	**RGB**
Camera	**Wide-angle 2.0MP**
4G module	**Optional**

ENVIRONMENT

Operating temperature	**0 to 40 °C**
Storage temperature	**-20 to 60 °C**
Operating humidity	**20~80%RH**
Storage humidity	**10~95%RH**

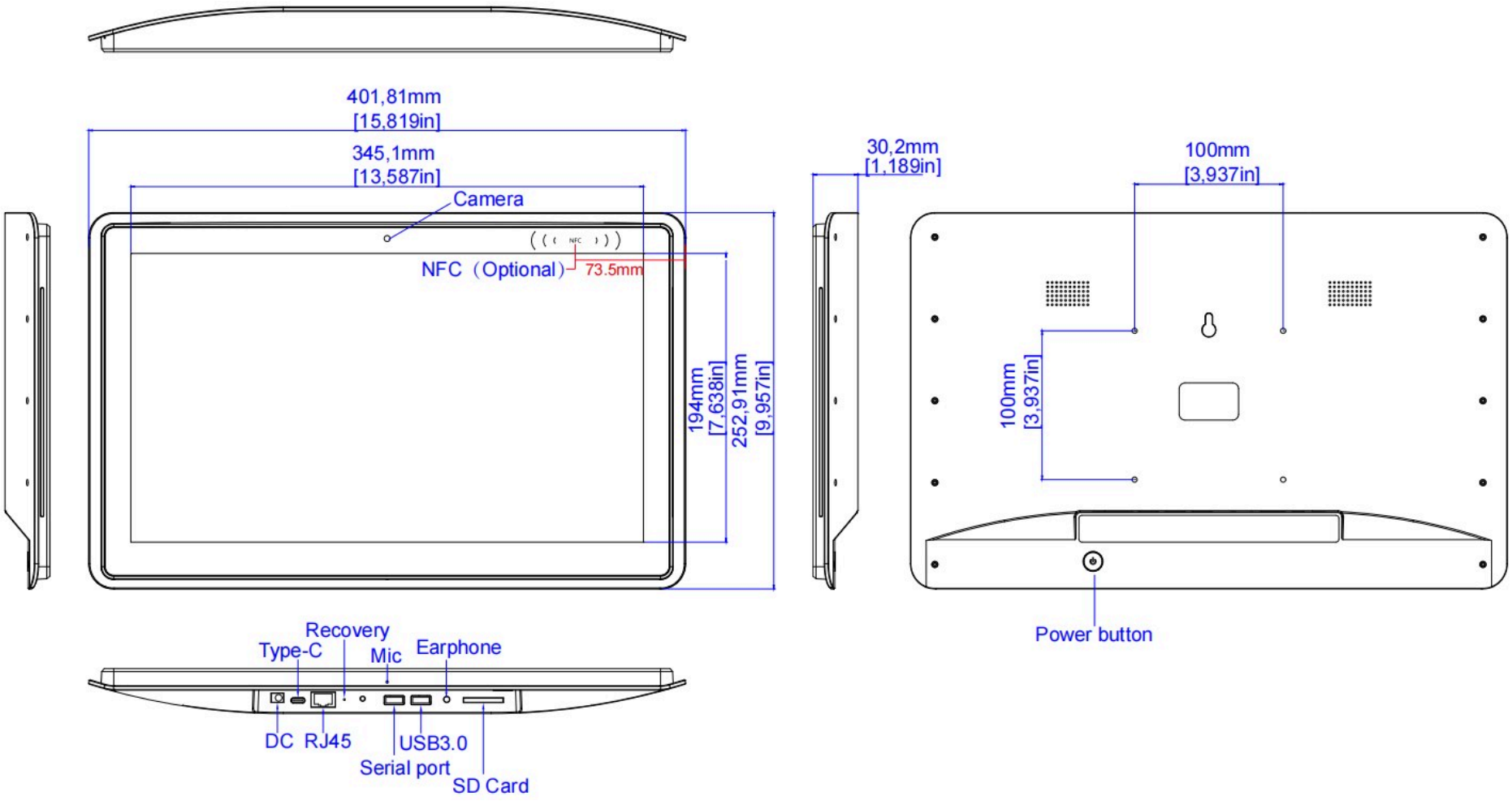
ACCESSORIES

Adapter	**Adapter, 12V/2A**
User manual	**1 included**
Wall-mounted	**1 included**

MECHANICAL

Dimensions (L×W×H)	**401.81 × 252.91 × 30.2 mm**
Mounting	**VESA 100×100mm**

Mechanical drawing — 15.6" PoE Android Touch Computer



Dimensions in mm. For reference only; request a 2D/3D CAD file from DCLTEK for design-in.