POE ANDROID TOUCH COMPUTER

15.6" PoE Android Touch Computer

All-in-one PCAP touch computer powered over Ethernet (IEEE 802.3at), running Android 11 on the Rockchip RK3568.



PART NO. 1A0188-01

15.6"	1920×1080	300	Android 11
DIAGONAL	RESOLUTION	NITS	OPERATING SYSTEM

KEY FEATURES

- Single-cable install: power and data over IEEE 802.3at PoE
- 10-point projected capacitive touch
- RK3568 processor, 2GB (4GB optional) RAM, 16GB (32GB/64GB optional) storage
- Android 11 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	**300 cd/m²**
Touch	**10-point PCAP**
Operating system	**Android 11**
Processor	**RK3568 Quad core cortex A55**
Memory	**2GB (4GB optional)**
Storage	**16GB (32GB/64GB optional)**
Power	**PoE IEEE 802.3at, up to 30 W; 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	**RK3568 Quad core cortex A55**
RAM	**2GB (4GB optional)**
Internal memory	**16GB (32GB/64GB optional)**
Operating system	**Android 11**
Touch screen	**10-Point capacitive touch**

DISPLAY

Panel	**15.6" LCD panel**
Panel type	**IPS**
Resolution	**1920 × 1080**
Display colors	**16.7M Colors**
Viewing angle	**R/L 85/85, U/D 85/85**
Display mode	**Normally black**
Contrast ratio	**700:1**
Response time	**30ms**
Backlight	**LED**
Brightness	**300cd/m²**
Aspect ratio	**16:9**

NETWORK

WiFi	**IEEE 802.11a/b/g/n/ac/ax**
Bluetooth	**Bluetooth 5.4**
Ethernet	**10M/100M/1000M ethernet**

INTERFACE

Card slot	**SD card, Max support to 64GB**
Earphone	**3.5mm earphone + Microphone**
USB	**USB 3.0 host**
USB	**USB for serial (TTL Level), Optional USB Host**
RJ45	**Ethernet interface**
Micro USB	**Micro USB OTG**
Power jack	**DC power input**

MEDIA

Video format	**MPEG-1, MPEG-2, MPEG-4, H.265, H.264, H.263, VC-1, VP8, VP9, MVC, etc.; supports up to 4K**
Audio format	**MP3/WMA/AAC/WAV/OGG, etc.**
Photo	**JPEG/PNG/GIF, etc.**

OTHER

Color	**White/Black**
VESA	**100×100mm**
Button	**Power**
G-sensor	**Supports 90 degrees**
Speaker	**2 × 2 W**
Microphone	**single microphone**
NFC	**Optional, 13.56MHz, ISO/IEC 18092, ISO/IEC 21481, ISO/IEC 14443 A&B, ISO/IEC 15693, Japanese Industrial Standard (JIS) (X) 6319-4, MIFARE Classic encrypted tags and cards**
RFID	**Optional, 125k, ISO/IEC 11784/11785, EM4100, TK4100/GK4100**
LED light bar	**LED Light bar, RGB**
Camera	**Wide-angle 2.0MP with USB type**
Language	**Multi-language**
PoE	**Supports IEEE802.3at, up to 30W**

ENVIRONMENT

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

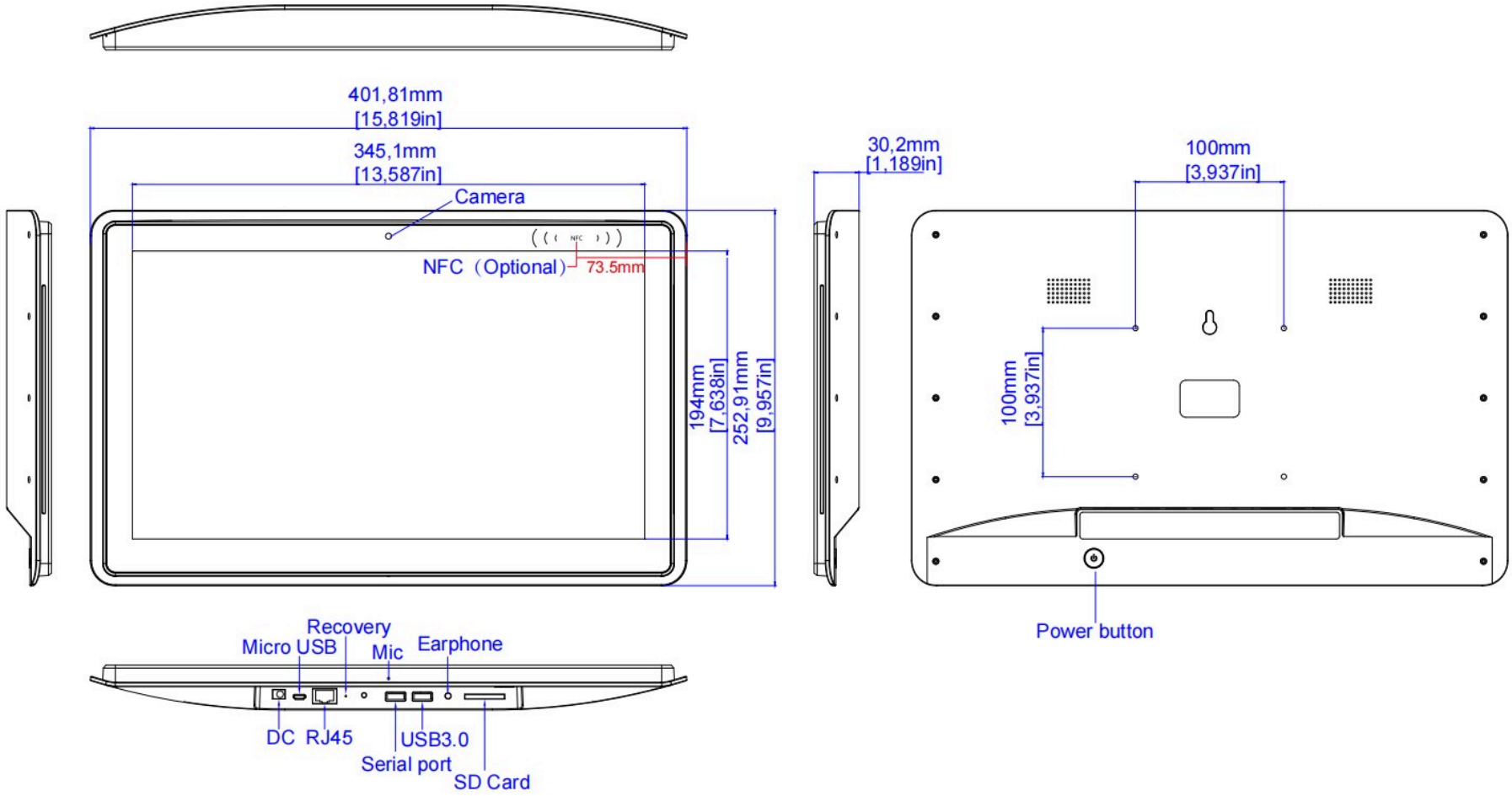
ACCESSORIES

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

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.