

## ALLNET Meeting Room LED Tablet 10 Inch RK3288

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### EAN CODE



ALLNET Meeting Room LED Tablet 10 inch RK3288 Android 8/10 and RFID (NXP Mifare, Desfire)

Update to Android 10 possible: write to [support@allnet.de](mailto:support@allnet.de)

Including power supply and integrated snap-in wall mount with anti-theft protection. RGB LED for displaying e.g. warning signals, occupancy of meeting rooms etc.

Due to the NFC, time recording terminals can also be implemented very well or info terminals with ID, such as multi-party residential complexes.

Currently tested Android time terminal software:

PDS time works, but config file must be imported manually, camera we did not address.

AIDA time works according to manufacturer with our part numbers 174715/174716/174717/174888 u. 182897

The API/SDK for NFC/RFID and LED are available on request.

Specifications NFC: NXP PN7150

PN7150 is a full-featured NFC controller solution with integrated firmware and NCI interface that for contactless communication on 13.56 MHz. It is compatible with the requirements of the NFC Forum. PN7150 was developed based on lessons learned from previous generations of NXP NFC devices. It is the ideal solution for quickly integrating NFC technology into any application, especially those using O/S environments such as Linux and Android.



- Full NFC forum compliance with small form factor antenna.
- Embedded NFC firmware that provides all NFC protocols as a pre-integrated feature
- Direct connection to main host or microcontroller, through physical I2C bus and NCI protocol
- Ultra-low power consumption in polling loop mode
- High efficiency integrated power management unit (PMU)
  
- Supported RF protocols
- NFCIP-1, NFCIP-2 protocol (see [8] and [11])
- ISO/IEC 14443A, ISO/IEC 14443B PICC, NFC Forum T4T modes via host interface (see [3])
- NFC Forum T3T via host interface
- ISO/IEC 14443A, ISO/IEC 14443B PCD designed according to NFC Forum digital protocol T4T platform and ISO-DEP
- FeliCa PCD mode
- MIFARE PCD encryption mechanism (MIFARE Classic 1K/4K)
- NFC Forum tag 1 to 5 (MIFARE Ultralight, Jewel, Open FeliCa tag, MIFARE DESFire) (see [1])
- ISO/IEC 15693/ICODE VCD mode (see [9])

For further information please refer to the NFC data sheet.

|                  |                  |              |                                  |
|------------------|------------------|--------------|----------------------------------|
| <b>System</b>    | CPU              |              | RK3288,Quad-core cortex A17,1.6G |
|                  | RAM              |              | 2GB                              |
|                  | Internal memory  |              | 16GB                             |
|                  | Operation system |              | Android 8.1                      |
|                  |                  | Touch screen | 10-Point capacitive touch        |
| <b>Display</b>   | Panel            |              | 10.1"LCD panel                   |
|                  | Resolution       |              | 1280*800                         |
|                  | Active area      |              | 217.4(H)x136.4mm(V)              |
|                  | Display mode     |              | Normally black ,IPS              |
|                  | Viewing angle    |              | 85/85/85/85(L/R/U/D)             |
|                  | Contrast ratio   |              | 800                              |
|                  | Luminance        |              | 280cd/m2                         |
|                  | Aspect Ratio     |              | ,16:10                           |
| <b>Network</b>   | WiFi             |              | 2,4/5GHz<br>802.11a/b/g/n/ac     |
|                  | Ethernet         |              | 100M/1000M<br>ethernet           |
|                  | Buletooth        |              | Bluetooth 4.0                    |
| <b>Interface</b> | Card slot        |              | SD card                          |
|                  |                  |              |                                  |



|                          |          |  |                          |       |   |                 |       |                  |
|--------------------------|----------|--|--------------------------|-------|---|-----------------|-------|------------------|
|                          |          |  | USB                      |       | USB Host  |                 |       |                  |
|                          |          |  | Micro USB                |       | Micro USB OTG   |                 |       |                  |
|                          |          |  | USB                      |       | USB for serial  |                 |       |                  |
|                          |          |  | RJ45 with POE            |       | RJ45  |                 |       |                  |
|                          |          |  | POE                      |       | IEEE802.3at   |                 |       |                  |
|                          |          |  | Power jack               |       | DC power input  |                 |       |                  |
|                          |          |  | Earphone                 |       | 3.5mm earphone  |                 |       |                  |
| <b>Media play</b>        |          |  | Video format             |       | MPEG-1,MPEG-2,MPEG-4,H.263,H.264,VC1,RV etc.,support up to 4K   |                 |       |                  |
|                          |          |  | Audio format             |       | MP3/WMA/AAC etc.  |                 |       |                  |
|                          |          |  | Photo                    |       | jpeg  |                 |       |                  |
| <b>Other</b>             |          |  | VESA                     |       | 204.5mm   |                 |       |                  |
|                          |          |  | NFC                      |       | N/A(Optional to add NFC with 13.56M frequency)/RFID NXP Desfire |                 |       |                  |
|                          |          |  | Camera                   |       | 5.0M/P,Front camera   |                 |       |                  |
|                          |          |  | Microphone               |       | Microphone  |                 |       |                  |
|                          |          |  | Speaker                  |       | 2*1.5W  |                 |       |                  |
|                          |          |  | LED Light bar            |       | LED light bar with RGB and mixed color                          |                 |       |                  |
|                          |          |  | Working temp             |       | 0--40degree   |                 |       |                  |
|                          |          |  | Certificates             |       | CE/FCC/RoHS   |                 |       |                  |
|                          |          |  | Language                 |       | Multi-language  |                 |       |                  |
|                          |          |  | <b>Accessories</b>       |       |   | Adapter         |       | Adapter,12V/1.5A |
| User manual              |          | yes  |                          |       |   |                 |       |                  |
| Touch Power Button       |          | Touch Button in Front to switch on and off if mounted inside a wall. |                          |       |   |                 |       |                  |
| Unit (Without packaging) |          |  | Giftbox (With Packaging) |       |   | Carton 5pcs/CTN |       |                  |
| L                        | W        | H  | L                        | W     | H   | L               | W     | H                |
| 275.36mm                 | 170.36mm | 25mm   | 390mm                    | 220mm | 68mm  | 405mm           | 363mm | 240mm            |
| Net(kg)                  | 0.74KG   |  | Net(kg)                  | 2.3KG |   |                 |       |                  |

## Attributes

| Attribute              | Value                  |
|------------------------|------------------------|
| Arbeitsspeicher (RAM): | 2                      |
| Betriebssystem:        | Android 10             |
| Bluetooth:             | ja                     |
| Chipset:               | RK3288                 |
| Diagonale:             | 10                     |
| Einsatzbereiche:       | Indoor                 |
| Farbe Displayrand:     | schwarz                |
| Farbe Gehäuse:         | schwarz                |
| Hauptspeicher:         | 16                     |
| Kamera:                | ja                     |
| Mobilfunk:             | nein                   |
| Montageart:            | integrierte Halterung; |
| NFC&RFID:              | 13,56MHz               |
| Produktart:            | Tablet                 |
| Stromversorgung:       | PoE&Netzteil           |
| Weight:                | 2.15 Kg                |
| Warranty:              | 24.00 Months           |

## Accessories

| Part No. | Name  |
|----------|---|
| 149144   | VESA Adapterplatte Mini-PC an VESA Monitor-Halterung  |
| 161472   | VESA Desktop Standfuß Wand-Halterung Flex für Tablet, Display, Monitor 7,5cm/10cm Vesa, 2 Gelenke |
| 174452   | VESA desktop stand mount Flex for tablet  |
| 146334   | VESA wall mount for tablet, monitors very flat with securing                                      |
| 107727   | HEP Power Supply - 12V 12W - HEP for Flush Mount Box  |
| 168029   | ALLNET ALL-WCL1200AC / 1200Mbit Wireless Client   |
| 198301   | VESA Standfuß Halterung höhenverstellbar für Tablet, Display                                      |



Part No.: 182897  
Vendor Part No.: MT10RK3288A10PoENFC

| Part No. | Name   |
|----------|--|
| 198302   | VESA Standfuß Halterung höhenverstellbar für Tablet, Display   |
| 206389   | ALLNET Ersatznetzteil 12V/2,5A Unterputznetzteil rund Standa   |
| 210286   | ALLNET Ersatznetzteil zbh. Hohlbuchse -> Hohlstecker Adapterkabel Verlängerung -> 4,0mm x 1,7mm 1,5m |
| 133125   | ALLNET Passives Injektor Adapter Kabel Set DC Hohlstecker Adapter 5.5 mm gerader Stecker             |
| 112270   | ALLNET ALL048900V2 / Power over Ethernet Injektor AT++ 90W   |
| 186548   | ALLNET PoE Injektor Gigabit PoE & PoE+ (15,4W/30W) / plastic   |
| 188381   | ALLNET PoE Inject PoE Gigabit (15,4W/30W/45/60/95W) "ALL0495BT"                                      |
| 209413   | ALLNET Ersatznetzteil 12V/1,5A 4,0mm Hohlstecker Adpater EU/US/UK                                    |

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