# ALLNET meeting room RGB LED tablet 13 inch RK3399 Android 10 and NFC/RFID without camera black
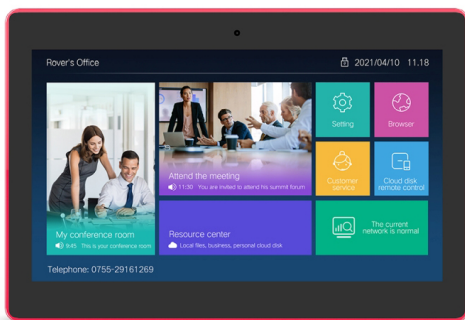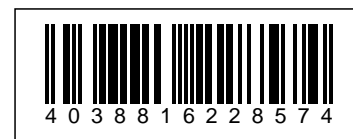
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ALLNET meeting room LED tablet 13 inch RK3399 Android 10 and RFID (NXP Mifare, Desfire) WITHOUT INTEGRATED CAMERA !!!

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

The NFC also makes it very easy to implement time recording terminals or info terminals with ID, e.g. multi-party residential complexes.

Currently tested Android time terminal software:

| PDS Time | works, but config file must be imported manually, camera is not addressed |
|---|---|
| AIDA time | works according to the manufacturer with our article numbers 174715/174716/174717/174888 and 182897 |

We are happy to provide the API/SDK for NFC/RFID and LED on request.

NFC specifications: NXP PN7150

PN7150 is a fully-fledged NFC controller solution with integrated firmware and NCI interface for contactless communication at 13.56 MHz. It is compatible with the requirements of the NFC Forum.
PN7150 was developed based on the knowledge gained from previous NXP NFC device generations. It is the ideal solution for the rapid integration of NFC technology into any application, especially those working with O/S environments such as Linux and Android.

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- 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 the main host or microcontroller, through physical I2C bus and NCI
protocol
- Ultra-low power consumption in polling loop mode
- Highly efficient 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 more information, please refer to the NFC data sheet.

| System | CPU | RK3399 |
|---|---|---|
| | RAM | 4GB (4GB from batch 2023) |
| | Internal memory | 32GB |
| | Operation system | Android 10 |
| Display | Touch screen | 10-point capacitive touch |
| | Panel | 13" LCD panel |
| | Resolution | 1920x1080 |
| | Active area | 293(H)x164mm(V) |
| | Display mode | Normally black ,IPS |
| | Viewing angle | 85/85/85/85(L/R/U/D) |
| | Contrast ratio | 800 |
| | Luminance | 280cd/m2 |
| | Aspect Ratio | 16:9 |
| Network | WiFi | 2.4/5GHz 802.11a/b/g/n |
| | Ethernet | 100M/1000M ethernet |
| | Buletooth | Bluetooth 4.0 |
| Interface | 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 |
| **Media play** | 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, png, etc. |
| **Other** | VESA | 204.5mm |
|  | NFC | NFC with 13.56M frequency)/RFID NXP Desfire |
|  | **Camera** | **no built-in camera** |
|  | Microphone | Microphone |
|  | Speaker | 2*1.5W |
|  | LED light bar | LED light bar with RGB and mixed colour |
|  | Working temp | 0--40degree |
|  | Certificates | CE/FCC/RoHS |
|  | Language | Multi-language |
| **Accessories** | Adapter | Adapter,12V/2.5A |
|  | User manual | yes |
|  |  |  |

# Attributes

| Attribute | Value |
|---|---|
| Arbeitsspeicher (RAM): | 4GB ab 2023 |
| Betriebssystem: | Android 10 |
| Bluetooth: | ja |

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| Attribute | Value |
| --- | --- |
| Chipset: | RK3399 |
| Diagonale: | 13 |
| Einsatzbereiche: | Indoor |
| Farbe Displayrand: | schwarz |
| Farbe Gehäuse: | schwarz |
| Hauptspeicher: | 16 |
| IP Schutzklasse Display: | IP 20 |
| Kamera: | nein |
| Mobilfunk: | nein |
| Montageart: | integrierte Halterung; |
| NFC&RFID: | 13,56MHz |
| Produktart: | Tablet |
| Stromversorgung: | PoE&Netzteil |
| Touchscreen: | kapazitiv |
| Weight: | 1.6 Kg |
| Warranty: | 24.00 Months |

# Accessories

| Part No. | Name |
| --- | --- |
| 209413 | ALLNET Ersatznetzteil 12V/1,5A 4,0mm Hohlstecker Adpater EU/US/UK |

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