



**KAPTIO** open development platform  
Access Control & T.A. Solutions

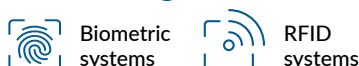


## Why choose Kaptio?

- **Quick and powerful Platform**  
Android, Linux or Windows® OS with Quad-core CPU and big store capacity for data and application.
- **Capacitive 7" Touch screen**  
Large touch screen with high resolution for an intuitive user experience with anti-fingerprint protection.
- **RFID reader**  
Compatible with ISO14443 as Mifare, Desfire, Ultralight C. Supports cards with biometric data (ToC - Template on Card).
- **Secure biometric identification**  
Compliant with ISO19794-2 and ANSI 378. AES fingerprint data encryption with 256 bits to ensure the identity.
- **Safe and versatile Network connection**  
Supports TCP / IP, Ethernet, WiFi, 4G and BT for data synchronization to build a central secure administration system.
- **Easy wall installation**  
Designed for installation on wall, includes stainless steel bracket.



## Technologies



## Optional



Design or adapt native Android, Windows®, Linux or web based applications.



## Specifications

|                                  | Android   | Linux   | Windows®   |
|----------------------------------|---|---|--|
| <b>EMBEDDED PC</b>               |   |   |  |
| OS                               | Android 6.0 Marshmallow based on Kernel 3.14LTS - Ubuntu 16.04                  | Raspbian  | Windows® 10  |
| CPU                              | Amlogic S905 SoC<br>4 x ARM Cortex-A53 1.5GHz 64bit<br>ARMv8 Architecture @28nm | Broadcom BCM2837B0<br>Cortex-A53 1.4GHz 64bit ARMv8<br>Architecture | Intel Cherry Trail Z8350 Quad Core<br>1.8GHz                     |
| GPU                              | 3 x ARM Mali-450 MP 700MHz  |   | Intel HD Graphics, 12 EUs @200-500<br>Mhz, single-channel memory |
| Memory                           | eMMC5.0 - 16GB  | USB Flash Memory 16GB   | 32 GB  |
| RAM                              | 2GB 32bit DDR3 912MHz   | 1GB LPDDR2 SDRAM  | 2GB DDR3L  |
| Display                          | 7.0" TFT Capacitive (800x480 px)  |   | 7.0" TFT Capacitive (1024x600 px)                                |
| <b>READERS</b>                   |   |   |  |
| Fingerprint sensor               | FIM 6060  |   |  |
| Cards & Protocols High Frequency | Mifare Classic, Ultralight, Desfire - ISO14443A                                 |   |  |
| Cards & Protocols Low Frequency  | Optional  |   |  |
| Bluetooth                        | Optional (4.0)  | 4.2 BLE   | 4.0  |
| <b>SERVER INTERFACE</b>          |   |   |  |
| Ethernet                         | 10 / 100 / 1000 Mbit/s  |   |  |
| RS-232                           | NO  |   |  |
| <b>INTERFACE</b>                 |   |   |  |
| Digital Inputs                   | 4   |   |  |
| Wiegand/TTL Input                | 2 (internal)  |   |  |
| RS-232                           | 2 (internal)  |   |  |
| USB 2.0 Ports                    | 2   | 2   | 1  |
| Relay                            | 2 with NC and NO contacts / 1 with NO contact                                   |   |  |
| Buzzer                           | YES   |   |  |
| LED                              | YES   |   |  |
| <b>GENERAL</b>                   |   |   |  |
| Operating Temperature            | -20° a +50°C  |   |  |
| Storage temperature              | -30° a +70°C  |   |  |
| Power                            | 12W   |   |  |
| Dimensions                       | 234 x 119 x 50 (mm)   |   |  |
| <b>SOFTWARE TOOLS</b>            |   |   |  |
| Protocol                         | KXP   |   |  |
| Tools                            | API   |   |  |