

# KR1

## Retail Kiosk



### System

#### CPU

Intel® Celeron® N100  
(6MB Cache, 3.4 GHz Max)  
Intel® Core™ i3-1220P  
(12MB Cache, 4.4 GHz Max)

#### Memory

N100: DDR4 4 GB (Max 16 GB)  
i3-1220P: DDR5 8 GB (Max 32 GB)

#### Storage

Internal m.2 SATA SSD 128 GB

#### OS

Windows® 10 IoT

#### Audio

Realtek ALC897 Codec

### Display

#### Type

21.5-inch Color TFT-LCD

#### Resolution

1080 x 1920

#### Luminance

250 (typ.)

#### Touchscreen

Projective Capacitive Touch

#### Response

22 ms

### Physical Characteristics

#### Electrical

Internal Power Adapter 100-240 VAC,  
50/60 Hz

#### Dimensions (WxLxH)

524 x 307 x 675 mm

#### Weight

38 Kg

#### Certification

KC

#### Interface

USB 3.0 x 2, USB 2.0 x 2, VGA x 1, LAN x 1,  
Serial x 4 (D-SUB 9 Pin x 2, RJ45 x 2),  
Line Out x 1, Mic x 1

### Environment Characteristics

#### Temperature

Operating: 0 to 40°C

Storage: -20 to 60°C

#### Humidity

10 to 90%

### Built-in Peripherals

#### Printer

BK3-31(3-inch, Max. 250 mm/s,  
Auto Cutter, Serial)  
- Emulation: BXL/POS™  
- Driver/Utility: Windows® Driver, OPOS,  
Utility  
- SDK/Plugin: Windows POS SDK

#### Barcode Scanner

Retail 1D/2D Barcode(1280x1080 Pixel)  
Motion Tolerances: 6m/s  
Interface: USB Type  
Field of View: 50°(H) x 35°(V)

#### Speaker

General dynamic cone speaker, 79 dB

#### Cash Module

3 types of banknotes & 2 types of coins  
acceptor, 1 type of banknote & 1 type of  
coin dispenser

### Options

#### Card Reader

Magnetic Stripe Reader, Smart Card  
Reader, and more