



# Heron 1

KIOSK



Managed by  KiwiCloud



ARTIFICIAL INTELLIGENCE

COMPREHENSIVE PAYMENT OPTIONS

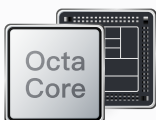
MAINTENANCE-FRIENDLY

VERSATILE ACCESSORIES

The perfect device for the future of self-service and checkout. Purpose-built to introduce clarity and efficiency into self-service, Heron 1 adapts to the needs of modern businesses with built-in scanning, printing, and comprehensive payment operations - powered by high performance, durability, and artificial intelligence.

## Performance

Octa Core



Bluetooth 5.4



Wi-Fi 6



Android 15



## CORE HARDWARE HIGHLIGHTS

### Heron 1

### Heron 1 Retail Edition



## Select the right scanner for your business.

Facilitates easier, faster, reliable scans - even on small or fine print

### Heron 1

0.3MP CMOS Sensor  
Scanning Speed: 30 fps  
Accuracy: 1D  $\geq$  5mil, 2D  $\geq$  6mil  
Depth of Field: EAN13 (13mil): 13mm--120mm  
QR code (40mil): 13mm--230mm



### Heron 1 Retail Edition

1.3MP CMOS Sensor  
Scanning Speed: 60 fps  
Accuracy: 1D  $\geq$  4mil, 2D  $\geq$  5mil  
Depth of Field: EAN13 (13mil): 0mm--170mm  
QR code (40mil): 0mm--280mm



### Camera

2MP monocular camera with 75° vertical field of view (FOV).  
Enables facial recognition.



### Display

23.8",  
1920x1080

23.8"

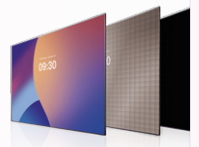


### Screen

10-point capacitive touch, G+G, Anti-fingerprint



Registers inputs even through gloves or wet hands



### Microphone

100db stereo speaker with dual microphone noise cancellation



### HDMI Compatible

Connect to other displays for flexible setup options



**HDMI®**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

### NFC payments (SoftPOS compatible)



### Durability

The front-facing ordering interface is dust and water resistant.  
Operating temperatures between 0-50°C



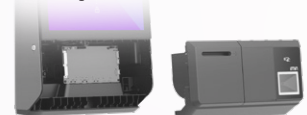
### Automated Start-up

Simplistic, streamlined deployment



### Removable Maintenance Cover

Facilitates easy routine checks and cleaning



**Thoughtfully manufactured to stay  
adaptive and practical in any scenario.**

## Stands & Mounts

Floor Stand



Table Stand



VESA Mount



## Accessories

MSR Card Reader



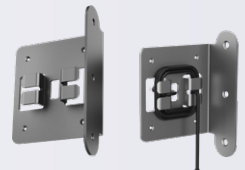
Status Light



POS Holder



Payment Module  
Bracket



## Industry Spotlight



F&B



Retail



Public Service

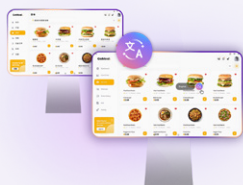


Entertainment

# Transcending Traditional Kiosks Through Intelligence.

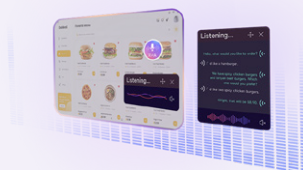
## OCR Translation

Two-way translations into target language.



## Simultaneous Interpretation

Real-time speech translation and voice broadcast.



\*Disclaimer: For more information on our AI features, please request for our brochure from your regional sales representative.

## Specification

<b>Processor</b>	Octa core (Dual-core A76 2.0GHz Hexa-core A55 1.8GHz) NPU 3 TOPS	<b>Display</b>	23.8", 1920 x 1080 Viewing Angle: (Typ.) ±85° (H)/ ±85° (V) Brightness: 250 nits (cd/m²) Contrast Ratio: 1200:1 Multi-point Capacitive Touch Panel
<b>Memory</b>	4GB RAM + 64GB ROM, 8GB RAM + 128GB ROM 16GB RAM + 256GB ROM	<b>Operating System</b>	Android 15, 64bit
<b>Connectivity</b>	Wireless: Wi-Fi 6, 802.11 a/b/g/n/ac/ax (2.4GHz/5GHz) Ethernet: 1000M, Bluetooth 5.4, NFC	<b>Camera</b>	2 MP front camera
<b>Speaker</b>	3W Dual	<b>Scanner</b>	Support 1D Barcode / 2D QR Scanning
<b>Environment</b>	Operating temperature: 0 ~ 50°C Storage temperature: -20 ~ 60°C	<b>Certification*</b>	Google GMS FCC CE IMDA WEEE
<b>Power Adapter</b>	Input: 100 ~ 240V; Output: 24V / 2.5A	<b>Printing</b>	80mm (with automatic cutter) in width & 80mm in diameter, up to 250mm/s printing speed
<b>Button</b>	Power key	<b>Accessory*</b>	MSR Card Reader, Status Light, POS Holder, Payment Module Bracket
<b>Peripheral Ports</b>	USB 2.0 Type A x 1, USB 3.0 Type A x 4 USB 2.0 Type C x 1 3.5mm Headphone Jack x 1, DC Jack x 1 HDMI x 1, RJ11 x 1, RJ12 x 1, RJ45 x 1 Pogo pin (6 pin) x 2, DB9 x 2 TF Card (up to 1TB) x 1	<b>Dimensions</b>	Wall mounted: 351 x 156 x 759mm Table Stand: 379 x 308 x 765mm Floor Stand: 410 x 460 x 1700mm

\* The product pictures and display contents in the above pages are for illustration purposes only. The actual product effects (including but not limited to appearance, color, size) and screen display contents (including but not limited to background UI pictures) might differ.

The performance results are obtained from iMin's internal laboratory and extracted from specific test environments. In actual use, there might be a difference in performance due to individual differences in product, software, use conditions and environmental factors.

iMin does not provide the facial recognition algorithm. It requires integration with the user's software applications or third-party algorithms.

The accessories of the Heron 1 are sold separately according to user needs. To view more product certificate information, please visit [www.imin.sg/en/resources](http://www.imin.sg/en/resources).