



## HID-2334

### 23.8" Ultra Light Medical Cart Panel PC with Multi-touch Function

- > 23.8" Full HD PCAP Multi touch
- > 7th Generation Intel® Core Kaby Lake i5 Processor
- > LED reading light bar
- > Optional Barcode Scanner
- > Optional Built-in Privacy Screen
- > Optional 5.0M auto-focus camera with cover
- > Optional 2 x 6900mAh Hot swappable batteries
- > Optional 4 Slots Charging Bay
- > IP65 Front Panel Protection

#### + Spec

| System                     |  |
|----------------------------|--|
| Processor                  | 7th Generation Intel® Core Kaby Lake i5-7300U Processor      |
| System Chipset             | integrated in Processor (SOC)                                |
| System Memory              | 2 x 260pin SODIMM socket up to 32GB Per Slot DDR4 2400 SDRAM |
| Watchdog Timer             | H/W Reset, 1sec. ~ 65535sec. and 1sec./step                  |
| H/W Status Monitor         | Monitoring System Temperature & Voltage                      |
| SBC                        | HID-2334 M/B + Charger Board                                 |
| Battery                    | Optional Smart Battery Pack<br>14.4V 6900mAh, 99.4Wh         |
| Expansion                  |  |
| Expansion                  | 1 x M.2 2230 1 x mPCIe with SATA or PCIE x1 mSATA            |
| Storage                    |  |
| Storage                    | 1 x 2.5" Drive Bay   |
| Panel                      |  |
| LCD Size                   | 23.8"  |
| Display Type               | Full HD  |
| Resolution                 | 1920 x 1080  |
| Pixel pitch                | 274.5x274.5  |
| Luminance                  | 250 cd/m <sup>2</sup>  |
| Contrast ratio             | 3000   |
| Viewing angle              | 89(U), 89(D), 89(L), 89(R)                                   |
| Response time              | 16ms   |
| Backlight                  | LED  |
| Touch Type                 | Projective Capacitive  |
| Touch Controller           | EETIEXC84H5680   |
| I/O                        |  |
| USB                        | 4 x USB 3.0  |
| SATA                       | 1 x SATA III   |
| HDMI                       | 1 x HDMI   |
| Display Port               | 1 x DP   |
| Audio                      |  |
| Chipset                    | Realtek ALC892   |
| Speaker Output             | 2 x 2W   |
| Ethernet                   |  |
| Chipset                    | 1 x Intel® I211AT, 1 x Intel® I219LM                         |
| Ethernet Interface         | 10/100/1000 Base-Tx GbE compatible                           |
| LAN Port                   | 2 x RJ-45  |
| Mechanical & Environmental |  |
| Power Type                 | DC in +19V~24V   |
| Operating Temperature      | 0°C ~ 40°C (32°F ~ 104°F)                                    |
| Storage Temperature        | -30°C ~ 70°C (-22°F ~ 158°F)                                 |
| Operating Humidity         | 0% ~ 90% Relative Humidity, Non-condensing                   |
| Weight                     | 6.9 kg (without batteries and adapter)                       |
| Mounting Kit               | Optional Mounting Kit (VESA 75 x 75, 100 x 100)              |



|                              |   |
|------------------------------|---|
| <b>Dimension (L x W x H)</b> | 592 x 382 x 49.5mm  |
| <b>IP Rating</b>             | Front IP65  |
| <b>Vibration Test</b>        | With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis |
| <b>Shock Test</b>            | With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms                   |
| <b>System Fan</b>            | Fanless   |
| <b>Construction - Front</b>  | White Plastic   |
| <b>Construction - Rear</b>   | White Plastic   |
| <b>Finishing</b>             | Anti-Microbial  |
| <b>Fanless</b>               | Yes   |
| <b>Color</b>                 | White   |

#### Certifications

|                                  |  |
|----------------------------------|--|
| <b>Certification Information</b> | CE :<br>IEC/EN60601-1-2<br><br>FCC :<br>Part 15 Class B<br><br>UL60601-1:<br>AAMI/ANSI ES60601-1:2005/(R)2012 and A1:2012,C1:2009/(R)2012 and A2:2010/(R)2012<br><br>CB:<br>IEC 60601-1/A1:2012 & EN 60601-1/A1:2013 (Ed 3.1)<br>EN 60601-1:2006+A11:2011+A1:2013+A12:2014 |
|----------------------------------|--|

#### Software Support

|                       |                    |
|-----------------------|--------------------|
| <b>OS Information</b> | Win10 64 bit/Linux |
|-----------------------|--------------------|

#### Power Requirement

|                        |                                 |
|------------------------|---------------------------------|
| <b>Power Connector</b> | Lockable DC Jack, +12V~+24V     |
| <b>Power Mode</b>      | AT/ATX (ATX is default setting) |
| <b>Adapter</b>         | Medical grade<br>120W/24V       |

#### Data Collection

|               |                           |
|---------------|---------------------------|
| <b>Camera</b> | 5.0M CMOS with auto-focus |
| <b>NFC</b>    | NFC RFID Module Built In  |

#### Wireless Communication

|             |  |
|-------------|--|
| <b>WLAN</b> | Optional WiFi 1T1R 802.11b/g/n/ac/ BT4.0 |
|-------------|--|

#### + Ordering

HID-2334-730-A1R  
HID 23.8 w/i5-7300U/8GB memory/LED/NFC/4USB3.0/SPK/24V medical adapter  
Without: SSD/ Wifi/ Battery

Peripherals:  
ACC-HID-WIFI02R HID-2334 Wifi Kit  
ACC-BAT-4S2P-01R Rechargeable Lithium Ion Battery,4S2P  
RCC-HID-BATCHR-01R 4 Bay Charging Station w/120W Power Adapter