



## APC-2334

23.8" Ultra Light 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
- > IP65 Front Panel Protection

### + Spec

| -System Information-      |                                                              |
|---------------------------|--------------------------------------------------------------|
| Processor                 | 7th Generation Intel® Core Kaby Lake i5-7300U Processor      |
| Platform Controller Hub   | 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                                                 |
| 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/m²                                                    |
| 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 Port                  | 4 x USB 3.0                                                  |
| SATA                      | 1 x SATA III                                                 |
| HDMI                      | 1 x HDMI                                                     |
| Display Port              | 1 x DP                                                       |
| Data Collection           |                                                              |
| Camera                    | 2.0M webcam                                                  |
| NFC                       | NFC RFID Module Built In                                     |
| Wireless Communication    |                                                              |
| WLAN                      | Optional WiFi 1T1R 802.11b/g/n/ac/ BT4.0                     |
| Audio                     |                                                              |
| Audio Codec               | Realtek ALC888S                                              |
| Speaker Output            | 2 x 2W                                                       |
| Certifications            |                                                              |
| Certification Information | CE/ FCC class B EN 300 330 EN 62368-1 (LVD)                  |
| Ethernet                  |                                                              |
| LAN Chipset               | 1 x Intel® I211AT, 1 x Intel® I219LM                         |
| Ethernet Interface        | 10/100/1000 Base-Tx GbE compatible                           |
| LAN Port                  | 2 x RJ-45                                                    |
| Power Requirement         |                                                              |
| DC Input Connector        | Lockable DC Jack                                             |



|                                       |                                                                                                |
|---------------------------------------|------------------------------------------------------------------------------------------------|
| Power Mode                            | AT/ATX (ATX is default setting)                                                                |
| Adapter                               | 19V/72W                                                                                        |
| <b>Mechanical &amp; Environmental</b> |                                                                                                |
| 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                                                     |
| Dimension (W x L x H)                 | 592 x 382 x 49.5mm                                                                             |
| Weight                                | 6.9 kg (without adapter)                                                                       |
| Vibration Test                        | With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis                        |
| Shock Test                            | With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms                                          |
| IP Rating                             | Front IP65                                                                                     |
| Mounting Kit                          | VESA 75 x 75, 100 x 100                                                                        |
| Power Mode                            | DC in +19V~24V                                                                                 |
| System Fan                            | Fanless                                                                                        |
| Construction - Front                  | Black Plastic                                                                                  |
| Construction - Rear                   | Black Plastic                                                                                  |
| Fanless                               | Yes                                                                                            |
| Color                                 | Black                                                                                          |
| <b>Software Support</b>               |                                                                                                |
| OS Information                        | Win10 64 bit/Linux                                                                             |
| <b>Ordering Information</b>           |                                                                                                |
| Ordering Information                  | APC-2334-730-A2R<br>APC 23.8 w/i5-7300U/4GB memory/LED/NFC/4USB3.0/2LAN/HDMI/DP/SPK/19VADAPTER |

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