

Features

- 23.8" Full HD PCAP Multi touch
- 7th Generation Intel® Core Kaby Lake i5 Processor
- LED reading light bar
- Optional Barcode Scanner
- Optional 5.0M auto-focus camera with cover
- IP65 Front Panel Protection



Specifications

System	
CPU	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
Wireless Communication	Optional WiFi 1T1R 802.11b/g/n/ac/ BT4.0
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring System Temperature & Voltage
Expansion	1 x M.2 2230 1 x mPCIe with SATA or PCIE x1 mSATA
Storage	1 x 2.5" Drive Bay
OS Information	Win10 64 bit/Linux
Panel	
LCD Size	23.8", Full HD
Resolution	1920x1080
Pixel Pitch	274.5x274.5
Luminance	250 cd/m ²
Contrast Ratio	3000
Viewing Angle	89(U), 89(D), 89(L), 89(R)
Response Time	16ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Controller	EETI EXC84H5680
Touch Controller	USB touch (EETI EXC3188)
Data Collection	
Camera	5.0M CMOS with Auto-focus
NFC	Built-in NFC RFID Module

Audio	
Chipset	Realtek ALC892
Speaker Output	2 x 2W
Ethernet	
Chipset	1 x Intel® I211AT, 1 x Intel® I219LM
Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ45
I/O	
USB	4 x USB 3.0
SATA	1 x SATA III
HDMI	1 x HDMI
Display Port	1 x DP
Power Requirement	
Power Connector	Lockable DC Jack, DC in +19V~24V
Power Mode	AT/ATX (ATX is default setting)
Adapter	19V/72W

Mechanical and Environment

Power Type	DC in +19V~24V
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-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)
Dimension	23.3" x 15.04" x 1.95" (592 x 382 x 49.5mm)
IP Rating	Front IP65
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
System Fan	Fanless
Construction - Front / Rear	Black Plastic / Black Plastic
Fanless	Yes
Color	Black
Certification Information	CE/ FCC class B EN 300 330 EN 62368-1 (LVD)

Ordering Info

APC-2334-730-A1R

APC 23.8 w/i5-7300U/4GB memory/LED/NFC/4USB3.0/2LAN/HDMI/DP/SPK/19VADAPTER

* All product specifications and images are subject to change without notice. Last update: 2021/02/10



BCM Advanced Research

11 Chrysler, Irvine, CA 92618 USA
An industry leader in industrial motherboards & embedded computing

www.bcmcom.com

BCMSales@bcmcom.com
(949) 470-1888