

Features

- 21.5" 16:9 1080P Display with PCAP Multi touch
- Onboard 6th Gen. Intel® Core™ i7/ i5 / i3/ Celeron Processor
- Support 1x 260 pin SO-DIMM up to 16GB DDR4 SDRAM
- Anti-Microbial Finish
- 4x USB3.0, 1x RS-232/422/485, 1x RS-232, 2x Intel® Gigabit LAN
- iAMT 11.0 support (for i7/i5 CPU)
- Dual LED Reading Light Bar
- Stylish Front OSD keypad touch control button
- Front Panel IP65 & Fanless Design
- Ultra-slim design only at 45.5mm thickness
- 5-kV Isolation USB/ COM/ LAN ports by IET module
- Built-in NFC module



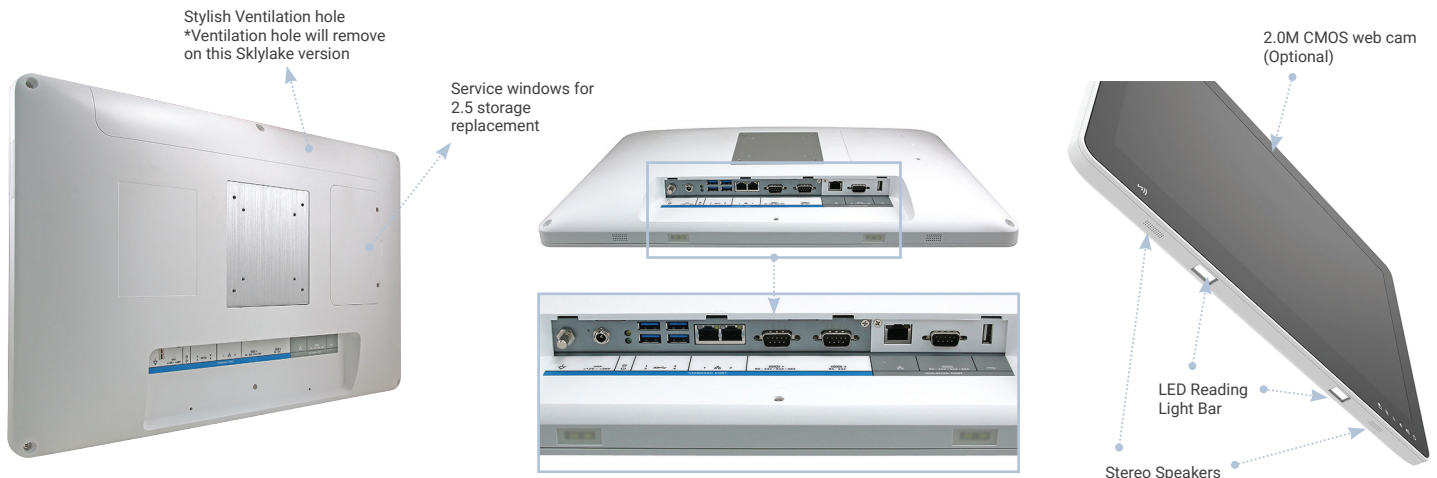
Front Bezel Touch Keypad (left to right)

- Reading light control
- Panel backlight Increase/ Decrease
- Volume Up/ Down
- Power button (Touch On/Off)

Specifications

System	
CPU	6th Generation Intel® Core™ i7-6600U, i5-6300U, i3-6100U, or Celeron 3955U Processor
System Chipset	Intel® SoC Integrated
System Memory	1 x 260-pin DDR4 SODIMM (non ECC) support up to 16GB
I/O Chip	EC IT8528E
Wireless Communication	802.11 b/g/n
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring System Temperature & Voltage
TPM	Infineon TPM 2.0 (SLB 9665 TT2.0)
iAMT	iAMT 11.0 support for i7/i5 CPU
Expansion	1 x Full size mini-PCIe slot (for mSATA & PCIe & USB2.0 signal)
Storage	1 x 2.5" Drive Bay
OS Information	Win 7, Win 8, 10, Linux
Panel	
LCD Size	21.5" Full HD
Resolution	1920x1080
Pixel Pitch	0.24795 (H) x 0.24795 (V)
Contrast Ratio	3000
Luminance	250 cd/m2
Viewing Angle	89(U), 89(D), 89(L), 89(R)
Response Time	18ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	86%
Touch Controller	USB touch (EETI EXC3188)
Display	
Chipset	Intel® HD Graphics 520

Ethernet	
Chipset	1 x Intel® I210-AT Gigabit Ethernet Controller 1 x Intel® I219-LM Gigabit Ethernet Controller 1 x Isolation 5-kV Intel® I210-AT (by IET Module)
Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45, 1 x RJ-45 (by IET module)
I/O	
USB	4 x USB 3.0 2 x USB 2.0 (by pin header) 1 x Isolation 5-kV USB2.0 (by IET module)
SATA	1 x SATA III
COM Port	1 x RS-232/422/485 1 x RS-232 1 x Isolation 5-kV RS-232/422/485 (by IET Module)
Other	Dual LED Reading Light Bar I/O Cover Optional MSR/SCR Module with MOQ apply Optional Smart Backup Battery Module Optional WIFI/BT module (by mini-PCIe) Optional Handset & 1D Barcode Scanner
Power Requirement	
Power Connector	Lockable DC Jack, +12V~+26V
Power Mode	AT/ATX (ATX is default setting)
Battery	1100mAh 4S1P (by optional)
Battery Operating Time	max. 20 mins backup operation
Adapter	Medical Grade Input: 100~240 Vac/50~60Hz; Output: 90W Adapter (19V/4.74A Adapter)



Mechanical and Environment

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	13.89 lbs / 6.3 Kgs
Dimension	21.24" x 13.49" x 1.8" (539.6 x 342.6 x 45.5 mm)
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: White Plastic Rear: White Plastic
Finishing	Anti-Microbial
Color	White
Certification	CE : IEC/EN60601-1-2 FCC : Part 15 Class B UL60601-1: AAMI /ANSI ES60601-1:2005/(R)2012 and A1:2012,C1:2009/ (R)2012 and A2:2010/(R)2012 CB: IEC 60601-1/A1:2012 & EN 60601-1/A1:2013 (Ed 3.1) EN 60601-1:2006+A11:2011+A1:2013+A12:2014

Ordering Info

HID-2132-610-A2R 21.5" FHD PCT Panel PC, Intel Core i3-6100U, Medical Grade, White Plastic Antibacterial, 8GB MMY, 4 x USB 3.0, 2 COM, NFC, SPK, Reading Light, Power Adapter

* All product specifications and images are subject to change without notice. Last update: 08/01/2023



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