

# Medical & Healthcare Solution

Enhance Healthcare with Innovative Technologies  
and Improve Working Efficiency





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Enhance Healthcare with Innovative Technologies and Improve Working Efficiency

Avalue provides a wide range of innovative smart healthcare solutions, including both hardware and total solution packages. By leveraging cutting-edge technologies, Avalue aims to optimize existing workflow for medical staffs and achieve a more satisfactory healthcare experience for patients.

Our smart healthcare solution integrates various applications, such as bedside infotainment, patient and room information display, ePaper, telemedicine, OR imaging, life science, rehab, and AI-ready solutions. Through the integration of these applications, healthcare administrators are empowered to improve overall operational efficiency and enhance each patient's experience.



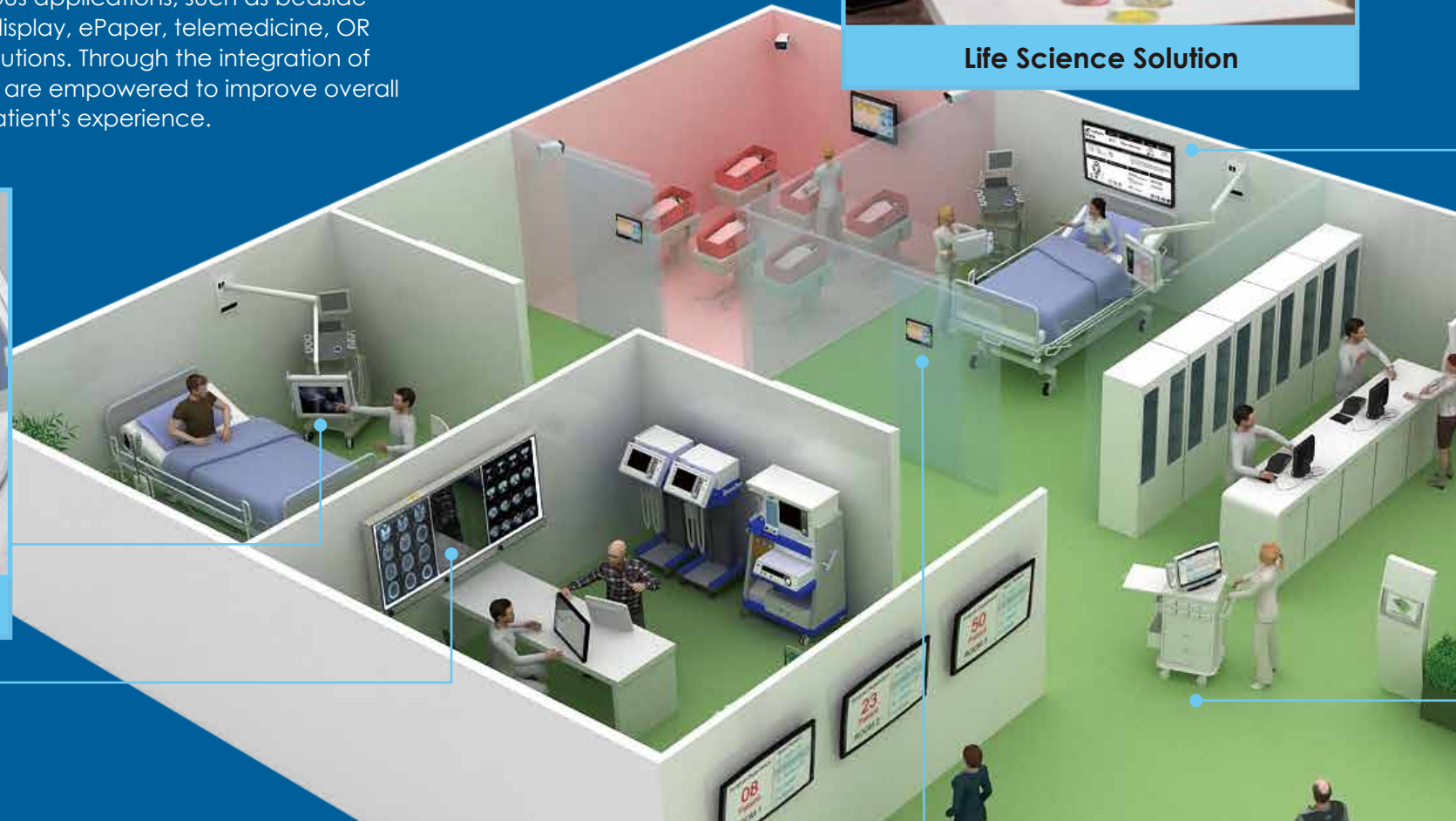
Life Science Solution



ePaper Solution



Bedside Infotainment Solution



Rehab Solution



OR Imaging Solution



AI Ready Solution



Patient & Room Information Display



Telemedicine Cart Solution





## Bedside Infotainment Solution

The bedside infotainment is to enhance the patient experience and provide them with access to a range of entertainment options and useful information during their hospital stay.

### Benefits of Bedside Infotainment



#### Enhanced Patient Experience

Patients can personalize their entertainment choices, allow patients to provide feedback and complete surveys about their hospital experience.



#### Improved Communication and Connectivity

Enable patients to stay connected with their loved ones through video calls, messaging, or email.



#### Patient Education and Empowerment

Provide patients with access to educational content and health information resources.



#### Efficient Delivery of Care

Streamline healthcare processes, improving the efficiency of care delivery. can be integrated with EHR systems, allowing healthcare providers to access patient information, test results, and treatment plans directly from the bedside system.



#### Multilingual Support

Provide multilingual support, allowing patients to access content and receive information in their preferred language.



#### Remote Consultations and Telemedicine

Facilitate remote consultations and telemedicine services, allowing patients to have virtual appointments with healthcare professionals without leaving their beds.

## Applications



Ward



Nursing Home



Dental Clinic

### Our Solutions

One stop shopping for every thing you need...

#### Terminals

- Full Range Models Atom/ Celeron/ Core-i7
- Touch Screen
- TV/ Internet/ VOIP Phone
- Anti-microbial Design
- Medical Grade Safety

#### Mounting

- Mounting Arm/ Stand/ Moving Table
- Extended Cables

#### Management

- Administration Software
- Services/ Content Management
- Security Control

#### Software

- Patient Entertainment
- Vital Sign Monitoring
- Food Ordering
- VOIP Video/ Audio Phone Services
- Compatible with Accredited Independent Software Vendor (ISV) Companies' Software

#### Back-End Services

- Administration Servers
- Server OS License
- VOIP, Media Servers, etc.



#### CAXA0

**10.1" Semi-Rugged Tablet**  
Intel Celeron N3350  
MIL-STD-810G & IP65 certified



#### APC-15WR2

**15.6" Medical Panel PC**  
Rockchip RK3568 Quad-core  
Cortex-A55 2.0GHz, Mali-G52 GPU



#### HID-2138

**21.5" Medical Panel PC**  
Intel 11th Gen Tiger Lake U  
Core Processor



#### ALW21L

**Bedside Arm**  
Support weight 6~12 kg  
Suitable panel sizes 15"~24"



# Patient & Room Information Display

The multifunctional touch panel computers integrate system interface, transmission, storage, and communication functions.



Touch Button



Antibacterial



LED Controllable



NFC



Camera



## Functional touch panel PC

Versatile applications from digital signage, interactive multi-media display to conference room management

- Thin and light with an elegant design
- Programmable LED indicator lights on both sides of the frame
- Enable video communication at any time, guest ID verification, and data transmission with other NFC devices
- Multi-touch projected capacitive (PCAP) touch technology for highly responsive sensing

## Application Example

RED shows busy rooms and GREEN shows available rooms. It can be mounted on the glass wall. Users can schedule and confirm any event or meeting room appointment



## Applications



Examination Room Status

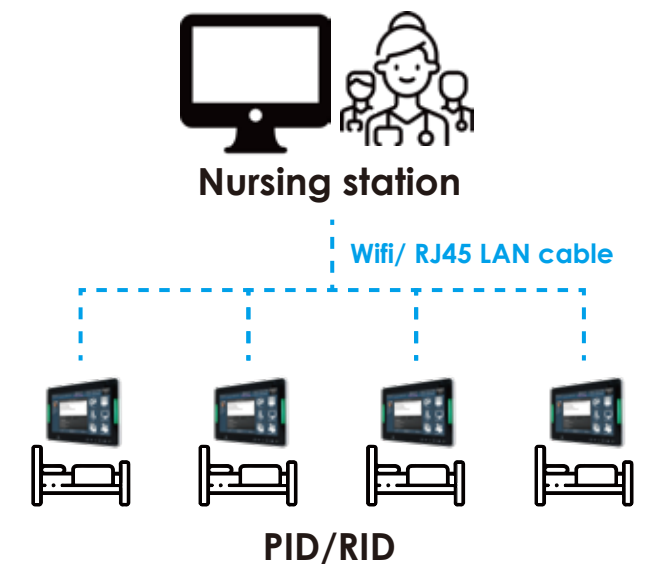


Ward/ Patient Status



Open-space/ Meeting Room Booking Status

## Structure and How it Works



With PID/RID, medical staff can update patient care plans, medical conditions, and other relevant details by integrating data with the hospital's HIS system, allowing them to simultaneously update information for multiple patients.



**VNS-10W01**  
10.1" ultra slim Panel PC  
Intel® Atom™ x5-Z8350 Processor  
2M Cache, up to 1.92 GHz



**VNS-10WR2**  
10.1" ultra slim Panel PC  
Rockchip RK3568 Quad-core  
Cortex-A55 2.0GHz, Mali-G52 GPU

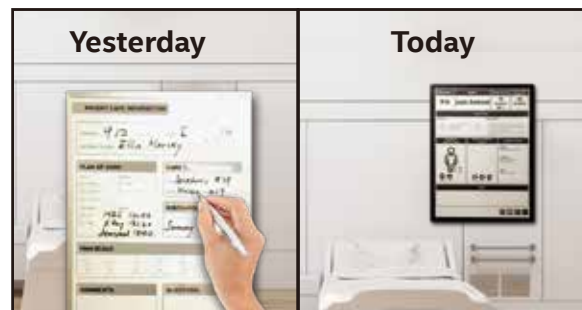




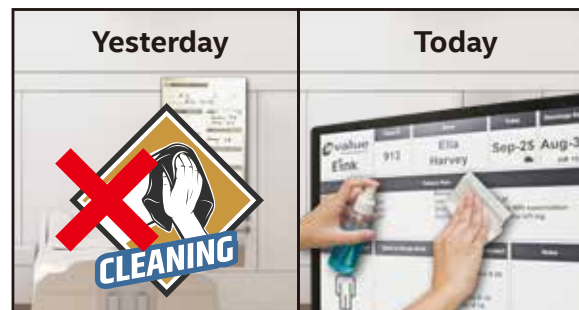
# ePaper Solution

## Benefits of ePaper

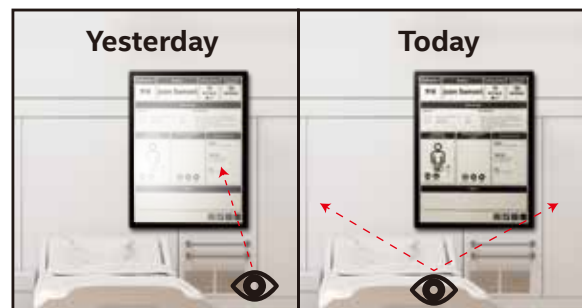
Paper-like Display Revolution of the New Technology



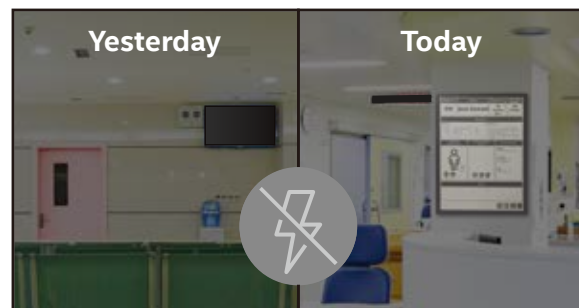
**Digitalization** - Digitize Traditional Content & Auto Update



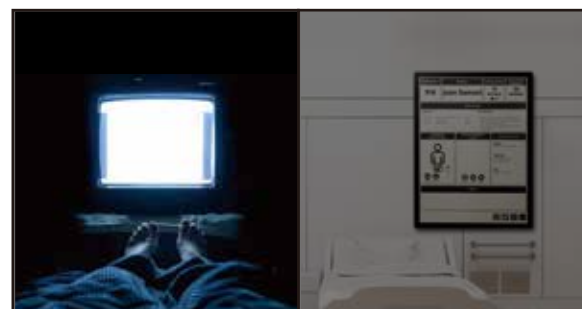
**Sterilization** - The Board allows for a dust free update and can easily be sterilized



**Eye-friendly** - Wide viewing angle, high contrast with non-glare background



**Power saving** - Always on during power outages



**No disturbing at night** - ePaper Solution does not emit any light and the board will not disturb patient's rest or sleep



**Easy installation** - The Board is lightweight, as easy as hanging a picture on the wall

## Applications



Communication Board



Hospital Bulletin/ Signage



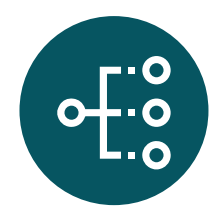
Digital Notepad

## Avalue ePaper Solution



Hardware Customization Services

- Outdoor solution
- Chassis type
- Shatter Proof



Various Optional Function

- Front light
- PCAP
- WiFi/ LTE



Software Services

- Demo Apps
- SDK
- API

Communication Board	Information Bulletin	Colorful Signage	eNote Tablet
<ul style="list-style-type: none"> <li>42" Black And White Panel, 16 Level Grey Scale</li> <li>True Flat Front Panel</li> <li>Dual mPCIe Expansion Slot</li> <li>PCAP Touch</li> <li>LAN/ Wi-Fi/ LTE Support</li> </ul>	<ul style="list-style-type: none"> <li>31.2" E Ink Black And White, 16 Grey Scale</li> <li>True Flat Cover Glass, Optional PCAP Touch</li> <li>Slim Bezel Design</li> <li>Support WiFi/ LTE Module</li> <li>Optional Open Frame/ PCAP Touch/ Front Light Module</li> </ul>	<ul style="list-style-type: none"> <li>25.3" E Ink Spectra Black/ White/ Red/ Yellow</li> <li>25.3" E Ink Gallery™ Plus Full Color 55K (Typ.)</li> <li>Front Cover Glass, Support IP54</li> <li>Super Slim Bezel Design</li> <li>Support Linux kernel 5.16 E Ink SDK/ API Support</li> </ul>	<ul style="list-style-type: none"> <li>13.3" Black And White Panel, 16 Level Grey Scale</li> <li>Extremely Thin and Light High-Contrast Display</li> <li>Up To Three Weeks Use On a Single Charge</li> <li>Convenient Tool For Writing, Highlighting, Erasing</li> </ul>







# Telemedicine Cart Solution

Avalue's telemedicine cart solution is designed to create a connected care network that spans across various healthcare settings, including remote patients, hospitals, care facilities, and community clinics.

By combining state-of-the-art hardware and software components, Avalue's telemedicine cart solution empowers healthcare professionals to attend to patients' needs remotely, effectively bridging the distance between patients and caregivers. It enhances the accessibility and efficiency of healthcare services, ultimately improving patient outcomes and overall healthcare delivery.

- Medical grade compliance
- Flexible optional accessories
- Agile design to fit in any situation



## Applications



Tele-ICU/  
Isolation Room



Rural Healthcare  
Outreach



Tele-Rehabilitation

### Medical Mobile Cart



\* System configurable TDP-down to optimize power and performance for better battery runtime.

### PTZ Camera



- 30X Optical Zoom
- One-Button Snapshot
- Handheld Camera Head
- IR for Night View
- One-Click Pan-Tilt
- Medical Certifications

### Medical Panel PC



- FHD LCD Panel
- High Performance CPU
- Medical Certified
- Infection Control
- Front Panel IP65
- Fanless Design

### Expansion Power Bank



- Slim & Light Weight
- Rechargeable Battery
- Hot Swappable
- 12V / 19V Output
- VESA Mount
- Management Tool



**HID-2340**  
**23.8" Medical Panel PC**  
Intel® 12th Gen. Alder Lake  
Core i Processor



**HID-2138**  
**21.5" Medical Panel PC**  
Intel® 11th Gen. Tiger Lake  
Core i Processor



# AI Ready Solution

Avalue understands that AI technology going to change our lives in many ways. We have offered the product from high-performance computing (HPC) to help customers complete their own AI model or some heavy-duty computing. Avalue also offers Edge Computing products for customers who need quick responses and distributed computing structure. With the high computing power, we are able to accelerate the AI model in various platforms including Windows and Linux to support much different Deep learning frameworks such as TensorFlow, ONNX, Caffe, and PyTorch.

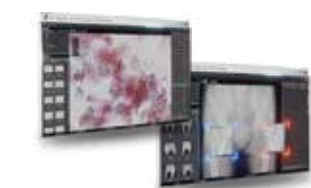
## Mainstream AI Platform

- Comprehensive Products & Services
- Development Tools
- Windows and Linux Support



## Partner with AI SW SI/ISV

- Build Accessible Solution & PoC Demo Sites
- Complete R&D Design Documents for FDA & CE MDR



Empowering Business Value in AI World

## Complete AI Platform

- From core to xeon
- Server to Compact Box with Graphics
- Cloud/On-premises to Edge Computing

### Edge

Compact Box with Graphic Engine



### Near Edge

Box PC with GPU Card



### Cloud

Tower / Rack Mount Server



## Applications



Medical Inference



Precision Medicine



Predictive Healthcare



**HPS-SRSU4A**  
HPC 4U Rackmount Server  
Single 4th Gen. Intel® Xeon® SP Processors Tower Workstaion



**MAB-T600**  
Expandable Box System  
Support 12th Gen. Intel® Processor Medical Certification Ready



**NUC-TGU**  
Fanless Compact System  
Intel® 11th Tiger Lake-U Processor  
Intel® Iris® Xe/ UHD Graphics



**AIB-NW**  
Fanless Compact System  
Compatible with NVIDIA® Orin NX & Orin Nano







# OR Imaging Solution

The use of medical imaging solutions has revolutionized the way healthcare is delivered and has significantly improved patient outcomes by enabling faster, more accurate diagnosis and treatments.

## Medical Imaging Solutions

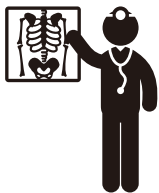
We provide high-resolution, color-calibrated, and high-brightness medical displays for different kinds of medical solutions:



Operating Room



Endoscopy



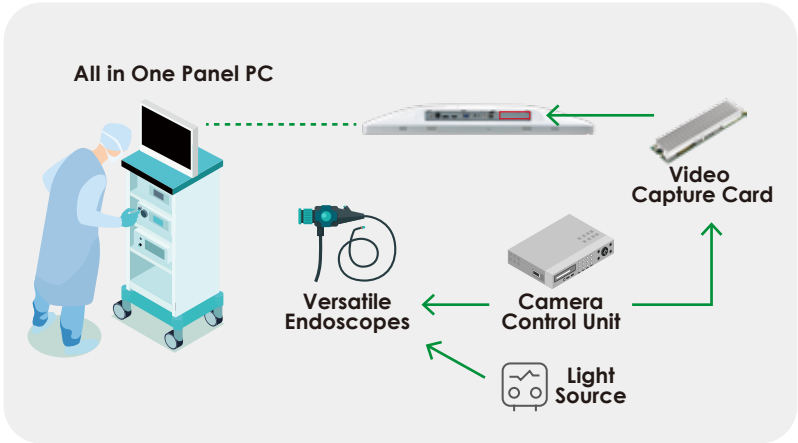
X-Ray



Ultrasound

## Medical Image Capture & Video Integration

Our medical panel PC and medical AI box supports SDI/HDMI or USB connector to fulfill various type of devices



- Enabling healthcare professionals to visualize and diagnose a wide range of medical conditions and diseases faster and more efficient
- Integrating multiple medical equipment images without latency
- Easy recording, replaying and archiving the streaming video

## Applications



OR Theaters



ICU



Recovery Rooms

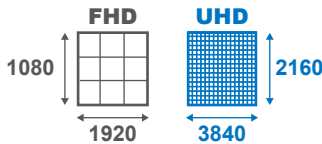


Pre-Op Rooms

## Features of OR Imaging Solution



DICOM Compliant for Accurate and Consistent Image Quality



FHD, UHD Grade High-resolution



IPS Technology Based Wide Viewing Angle



Brightness Leveling/Auto Luminance Stabilizer Technology



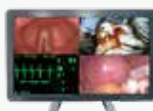
Multi-modality Approach



Capture Card Expansion



**HID-2340**  
+ Capture Card  
23.8" Medical Panel PC



**GMD-55/32**  
55"/ 32" Operating Room Solutions



**GMD-24**  
24" Endoscopic Solutions



**HID-2100**  
21.5" Touchscreen Monitor



**GMD-21**  
21.5" Ultrasound Solutions



**MAB-T600**  
Expandable Box System





# Life Science Solution

The Avalue open frame solution features a robust Intel or ARM processor, and offers a range of display sizes from 7" to 21.5" along with multiple connectivity options. It is well-suited for precision control of biological experiments such as temperature and humidity adjustments, as well as monitoring tasks like DNA sequencing, protein composition, and cell incubation.

## Benefits of Life Science Solution



### Easy Installation

All in one and without chassis , it can be mounted onto lab equipment, walls, or custom enclosures for flexible installation.



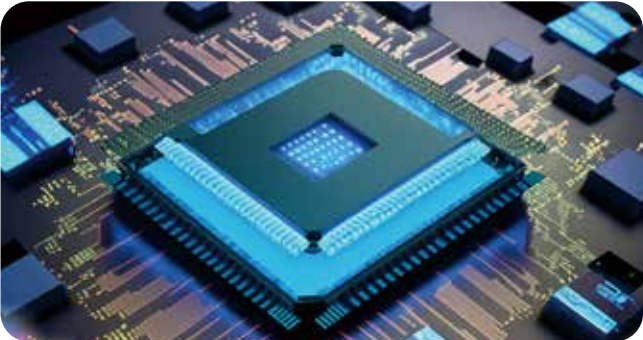
### Chemical Resistance

Open frame panel computers with surface anti-chemicals prevent pollutants from adhering, ensuring a clean and hygienic environment.



### Connectivity Options

Multiple connectivity options (USB, Ethernet, HDMI, serial ports) facilitate integration with lab equipment, data acquisition devices, and peripherals.



### Compatible with Different OS

Providing flexibility and scalability to suit a variety of different experimental and application needs.

## Applications



Biology Analysis



Ophthalmology & Optometry



Laboratory Equipment Monitoring System

## User-centered Design

- Slim Design
- Full Flat Screen
- P-Cap Touch
- Dual Display
- Rich I/O

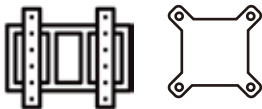
## Various Platform/ Sizes to Choose

- 7" to 21.5" Touchscreen
- Rockchip, Intel Atom to Core i



## Easy Mounting Solutions

- Panel Mount Kit
- Wall Mount Kit
- Extended Bracket



## Multi-OS Support

- Android
- Linux
- Windows



**OFT-xxWR2 Series**  
7"/10.1" /21.5"  
Open Frame Tablet  
RockChip RK3568 Cortex-A55,  
Quad Core up to 2.0GHz



**OFT-xxW04 Series**  
10.1"/15.6"/21.5"  
Open Frame Tablet  
Intel® Celeron™ Processor J3455



**OFP-07W33**  
7" Open Frame Tablet  
Intel® Celeron® N3350/J3455  
SoC BGA Processor

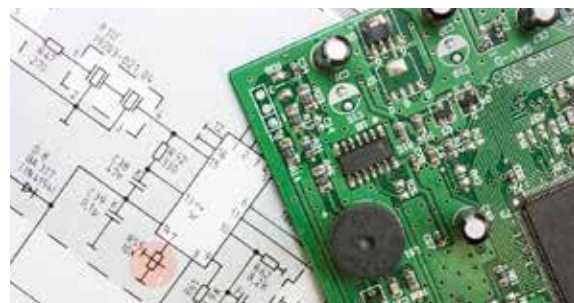


**OFP-15W38/ OFP-21W38**  
15.6"/21.5" Open Frame Tablet  
Intel® Core™ SoC i7/i5/i3 &  
Celeron® BGA Processor



## Rehab Solution

The aging society is an unstoppable trend in the world. The continued aging of the population structure will lead to rising demand for medical and health care, a growing shortage of nursing labor and related costs. Only by creating an integrated solution through technological research and development can the quality of life of the elderly be effectively guaranteed and the impact of the aging society be mitigated. Avalue provides customers with this embedded system solution suitable for rehabilitation equipment with the innovation gene and related design experience of the high-tech industry.



### One-Stop Services

we provide customers with a one-stop service from product specification, design, production, inspection, manufacturing, assembly, shipment to maintenance. Dedicate to customer's success is our goal.

### H/W Platform Support

we can provide customers with embedded products from High-end-Home, light commercial to commercial grade, to meet any needs of customers in the market.

### S/W Customized UI Design

we can follow client's flowchart of UI for S/W customization design and fine-tune the user experience and flow for usability.

## Applications



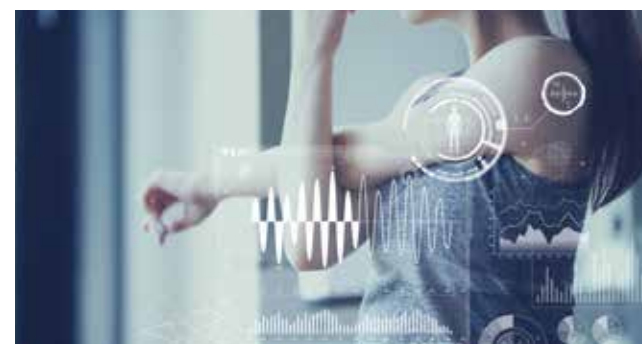
Exercise Rehabilitation



Recovery Home



Nursing Home



### Peripheral Device Integration

we can provide customers with high-quality and stable products by integrating various module devices and related technologies.



### System Maintenance

We can provide customers with BSP and API to develop their own UI software, or maintain by the Avalue team to provide overall software update support services.



**OFR-15WMX**  
**15.6" Open Frame Tablet**  
MTK i350 Quad-Core  
Cortex-A53 2.0GHz



**OFR-21WMX**  
**21.5" Open Frame Tablet**  
MTK i350 Quad-Core  
Cortex-A53 2.0GHz



AI Server / Box PC



Model Number	HPS-SRSU4A	Model Number	MAB-T600	NUC-TGU	AIB-NW
Processor (CPU Type)	Intel® LGA4677 Socket supports 4th Gen. Intel® Xeon® Scalable Processor (Max. TDP at 250W)	Processor	Intel® 12th/13th Gen Core™ i9/i7/i5/i3/Pentium®/Celeron® Processor	11th Generation Intel® Core™ i7/ i5/ i3 BGA Processor	Nvidia Jetson Orin NX or Orin Nano module
Chipset	Intel® C741 Chipset	System Memory	2 x DIMM slots support Dual Channel DDR5 memory speed up to 4800MHz with UDIMM, up to 64GB	1 x 260-pin SODIMM socket Max. up to 64GB DDR4 3200 MT/s	
Memory	6 x DDR5 4800/ 4400 MHz RDIMM up to 1.5TB	Expansion	1 x Gen 5 PCIe x16 (x16 Physical Black)(Slot 1) 1 x Gen 3 PCIe x1(x4 Physical Open Ended)(Slot 2) 2 x Gen 3 PCIe x1 (x16 Physical Yellow)(Slot 3 & 4)	1 x M.2 (Key-M, 2280) 1 x M.2 (Key-B, 2242/3024/3052, w/SIM Slot) 1 x M.2 (Key-E 2230)	1 x M.2 B-key socket for 3042/3052 5G module, 1 x M.2 E-key socket for 2230 WIFI/BT module 1 x Micro SIM slot
Storage	External: 1 x 5.25" storage bay 3 x Front accessible 2.5" storage bay	Storage	1 x M.2 M-Key 2242/2280/22110 NVMe (PCIe x4 + SATA III) 1 x M.2 E-Key 2230 with CNVi Support (PCIe x1 share with slot4 + USB 2.0) 2.5" Drive Bay 2 x 2.5" HDD/SSD Drive 2 x 3.5" HDD/SSD Drive 1 x 2.5" HDD/SSD & 1 x 3.5" HDD/SSD Drive	1 x M.2 (Key-M, 2280, NVMe) 1 x M.2 (Key-B, 2242)	1 x M.2 M-key socket for 2242/2280 NVMe SSD
IPMI	IPMI 2.0	USB	2 x USB 2.0 Type A 4 x USB 3.2 Type A	4 x USB 3.2 Gen.2, 2 x USB 2.0	4 x USB3.0 Type A
Expansion Slots	Slot 1, PCIe 5.0 x16 Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 Slot 4, PCIe 5.0 x4 Slot 5, PCIe 5.0 x16 Slot 6, PCIe 5.0 x4 Slot 7, PCIe 5.0 x16 (Slot 7 is the slot closest to CPU)	COM Port	N/A	2 x RS-232/422/485 (BIOS)	2 x DB9 (Switch by Jumper to RS-232 or RS485)
LAN	5 x RJ45 MGMT port for dedicated IPMI access only. LAN1 port for 1 GbE shared with IPMI access. LAN2 port for 2.5GbE LAN3 and 4 ports for 10GbE (Option)	Other	70 x 70 x 15mm fan (TBD)	1 x Power on/off Button w/ LED 1 x LED for Storage/ WLAN/ WWLAN 4 x Antenna Mounting with Dust Cover 1 x Kensington Lock	
USB	Front:2x USB 3.2 Gen1 Port Rear:4x USB 3.2 Gen1 Port + 2x USB 2.0 type A Port	Display	1 x HDMI 2 x DP++	2 x HDMI 2.0b: Max. Resolution 4096 x 2304 @ 60Hz	1 x NVIDIA Ampere architecture HDMI Type A
Display	AST 2600 BMC Controller	Audio	Line-out, Mic-in	Realtek Audio code 1 x Mic-in, 1 x Line-out	
Display Resolution	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	Ethernet	LAN 1 Intel® I219-V Gigabit Ethernet Controller LAN 2 Intel® I225-LM 2.5 Gigabit Ethernet Controller	1 x Intel I225LM, 1 x Intel I219LM	2 x Gigabit LAN
Cooling Fan	1x 120 x 25mm Front Fan 2x 80 x 25mm Rear Fan	Power Connector	Depend on M/B	Lockable DC Jack	Terminal Block
Power Supply	1 x 1300W PS2 ATX PSU	Power Requirement	AC 100-240V in 500W ATX Power Supply (Medical grade)	+12V	10VDC ~ 24VDC
Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)	Power Mode	AT/ATX Mode (Default: ATX mode)	ATX	
Dimension ( W x H x D)	482.6mm x 174.8mm x 528mm with ear mount	Adapter	N/A	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 120W Adapter (12V @ 10A)	
Form Factor	19" 4U Rackmount	Operating Temperature	0 ~ 40°C (32°F ~ 104°F) w/ SSD, ambient w/ 0.5m/s air flow	With extended temperature peripherals w/ air flow: 0°C ~ 50°C (32°F ~ 122°F)	-20°C ~ 60°C
OS	Windows 10 IoT Enterprise LTSC 2021. Windows 11 IoT Enterprise. Windows Server IoT 2019 with VT-d disabled. Windows Server IoT 2022. Ubuntu 20.04 LTS or later Red Hat Enterprise Linux (RHEL) 8.2 & later	Construction	Plastic + Metal	Aluminum + Metal	
		Mounting Kit	N/A	Stand/ Din Rail/ VESA	
		Dimension (L x W x H)	330.2 x 341 x 160 mm	6.69" x 4.92" x 1.42" (170 x 125 x 36 mm)	125mm x 196mm x 66.1mm (w/o wall mount bracket)
		Weight	TBD	1 kg	
		Certification	CE, FCC Class B, IEC-60601-1	CE, FCC Class B	CE, FCC

ePaper



Model Number	EPD-42T	EPD-4200	EPD-3133	EPD-2501	ENT-13T1
LCD Size	42"	42"	31.2"	25.3"	13.3"
Resolution	H: 2160 x V: 2880	H: 2160 x V: 2880	H: 2560 x V: 1440	H:3200x V:1800	H: 1650 x V: 2200
Viewing Angle	180 (U), 180 (D), 180 (L), 180 (R)	180 (U), 180 (D), 180 (L), 180 (R)	180 (U), 180 (D), 180 (L), 180 (R)	180 (U), 180 (D), 180 (L), 180 (R)	180 (U), 180 (D), 180 (L), 180 (R)
Touch Type	Projective Capacitive	Cover Lens only	Projective Capacitive	Cover Lens only	Projective Capacitive
Processor	NXP i.MX 7Dual Processor / Dual Arm® Cortex®-A7 Cores And Cortex-M4	none	Onboard Intel® Celeron® SoC BGA Processor N3350 (Apollo Lake Platform)	Onboard Intel® Celeron® SoC BGA Processor N3350 (Apollo Lake Platform)	88IAP140A0-BTY2C012TT404 (Cortex-A53 1.2GHz x 4 core)
System Memory	On-Board 2GB DDR3L	none	1 x 204-Pin DDR3L 1866MTs SO-DIMM up to 8GB	1 x 204-Pin DDR3L 1866MTs SO-DIMM up to 8GB	2GB DDR3L
Wireless	M.2 Wi-Fi/ BlueTooth module (Optional)	none	mPCIe Wi-Fi/ BlueTooth module (Optional)	mPCIe Wi-Fi/ BlueTooth module (Optional)	Wi-Fi/ BlueTooth module
Storage	On-Board 8GB eMMC	none	2.5" SATA3 SSD 64GB	2.5" SATA3 SSD 64GB	16GB eMMC NAND Flash memory Approx. 10.86GB free storage
External I/O Connector	2 x USB 2.0 (Edge I/O) 1 x Micro USB for USB OTG 1 x RJ-45 connector for Gigabit Ethernet	1 x USB 1.1	4 x USB 3.1 (Gen1 5Gbps) 1 x DB-9 male connector for COM1 2 x RJ45 LAN port 2 x HDMI (1.4b): Max. Resolution 3840 x 2160 @ 30Hz	2 x HDMI 1 x COM 2 x LAN 4 x USB 3.1 (Gen1)	1 x USB
Power Requirement	DC +12V	DC+12V	DC +19V	DC+12V	Lithium-Ion polymer battery (2000mAh)
Power Type	AT	none	AT/ATX	AT/ATX	ATX
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 50°C (32°F ~ 122°F)	0 ~ 50°C (32 ~ 122°F)	0°C ~ 40°C (32°F ~ 104°F)	5°C to 35°C (41F to 95F)
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)	-20 ~ 60°C (-4 ~ 140°F)	-20 ~ 60°C (-4 ~ 140°F)	-20 ~ 60°C (-4 ~ 140°F)	0 ~ 40°C (32 ~ 104°F)
Operating Humidity	40°C @ 95% Relative Humidity, Noncondensing	40°C @ 95% Relative Humidity, non-condensing	40°C @ 95% Relative Humidity, Noncondensing	40°C @ 90% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Noncondensing
Software Support	Android 5.1 (default)/ Linux 4.15 (Yocto 2.1)	none	Android 8.1 (default) Windows 10 IoT	Android 8.1 (default) Windows 10 IoT	Android 5.1
Dimension	918.8 x 704.6 x 37.6 mm	934.2 x 704.6 x 39 mm	750 x 445 x 36.7 mm	607 x 350 x 38.8mm	302.6 x 224 x 5.7 mm
Weight	7.5 kg	11.4kgs	7.2 kg	4.4 kg	0.352 kg
Certification	CE, FCC Class B	FCC Class B & CE (EN 55032 & 55035) ESD level 3	CE, FCC Class A	CE / FCC Class B	FCC, VCCI

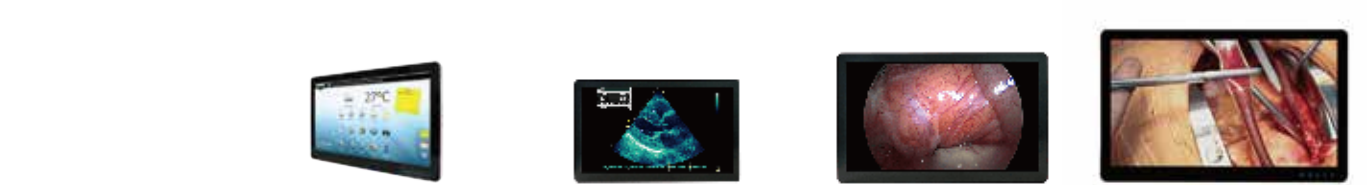


Medical AIO



Model Number	HID-2132	HID-2138	HID-2334	HID-2340
LCD Size, Display Type	21.5", Full HD	21.5", Full HD	23.8", Full HD	23.8", Full HD
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Pixel Pitch	0.248 x 0.248	0.248 x 0.248	0.274 x 0.274	0.274 x 0.274
Luminance	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²
Contrast Ratio	1000	1000	3000	3000
Viewing Angle	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
Response Time	22 ms	22 ms	16 ms	16 ms
Backlight	LED	LED	LED	LED
Touch Type	Projective Capacitive	Projective Capacitive	Projective Capacitive	Projective Capacitive
Touch Light Transmission	89%	89%	86%	85%
Touch Controller	USB interface, EETI	USB interface, EETI	USB interface, EETI	USB touch (EETI H8851A)
SBC	ARC-SKLU	HID TGLP Mother Board	HID-2334 M/B + Charger board	HID-2340 Mother Board
Processor	6th Gen Intel® Core™ i7/i5/3/Celeron processor	11th Gen Intel® Core™ i7/i5/i3/Celeron Processor	7th Generation Intel® Kaby Lake Core™ i7/i5/i3/ Celeron® Processor	12th Generation Intel® Core™ i7/i5/i3/ Celeron Processor
I/O Chipset	EC ITE IT8528E	EC ITE IT8528E	EC ITE IT8518E	IT5782VG
System Memory	1 x 260pin SODIMM socket up to 16GB DDR4 2133 SDRAM	2 x 260-pin DDR4 3200 MHz SO-DIMM socket up to 64GB Max	2 x 260pin SODIMM socket up to 32GB DDR4 2400 SDRAM	One 262-pin DDR5 4800MHz SO-DIMM socket, supports up to 32GB Max (Min 8GB)
Expansion	1 x Full Size (support half size, Auto switch for mSATA, USB, PCIe signal)	Optional PCIe low profile card x 1 Optional M.2 storage x 1 Optional M.2 5G Module x 1	1 x M.2 (Key E, 2230) with PCIe x1, CNVI and USB2.0 for Wireless 1 x mini PCIe with SATA or PCIeEx1, mSATA	1 x M.2 Key B 3042/3052/2280 1 x M.2 Key E for WIFI 1 x IET expansion
Storage	1 x 2.5" SATA3 SSD	1 x M.2 Key-B 2242/3042/2260 for storage	1 x 2.5" SATA3 SSD	1 x M.2 Key M storage (optional) 1 x 2.5" SSD (optional)
USB	4 x USB 3.0, 2 x USB 2.0 by pin header 1 x USB 2.0 (Isolated 5KV)	2 x USB 2.0 2 x USB type C	4 x USB 3.0	3 x USB 3.0 1 x USB Type C 1 x Isolation 5-kV USB1.1 (by IET module)
COM Port	1 x RS-232/422/485, 1 x RS-232 1 x RS-232 (Isolated 5KV)	Optional	N/A	1 x RS-232/422/485 1 x Isolation 5-kV RS-232/422/485 (by IET Module)
Other	Option 5.0M AF camera Optional Barcode Scanner Optional NFC Optional Handset	Option 5.0M AF camera Optional Barcode Scanner Optional NFC Optional Handset	Dual LED Reading Light Bar, I/O Cover Option for 2x 6900mAh hot swappable batteries and 4 slot charging bay Option for 5.0M auto focus camera with cover	Optional 802.11abgn + acR2 + axR2 Wi-Fi 6E BT5.2
Display Chipset	Intel® HD Graphics 520	Intel® 11th Generation CPU integrated	Intel® HD Graphics 620	
Audio	Realtek ALC888S	Realtek ALC888S	Realtek ALC888S	Realtek ALC888S
Audio Interface	2 x 0.5W	Line-out, Mic-in, 2 x 2W Speaker	2 x 2W	2 x 2W
Ethernet	1 x Intel® I219LM, 1 x Intel® I211AT 1 x Intel® I210AT (Isolated 5KV) on IET module	1 x Intel® I219LM Gigabit Ethernet PHY 1 x Intel® I226LM Gigabit Ethernet PHY	1 x Intel® I211AT 1 x Intel® I219LM	1 x Intel® I219LM 1 x Intel® I226LM 1 x Isolation 5-kV Intel® I210AT (by IET Module)
Adapter	AC/ DC medical power adapter Output: 90W Adapter (19V/4.74A Adapter)	AC/ DC medical power adapter Output: 120W Adapter (24V/5A Adapter)	AC/ DC medical power adapter Output: 120W Adapter (24V/5A Adapter)	Medical grade Input: 100-240V~, 2.0-1.0A, 50-60Hz Output: 120W Adapter (24V/5A Adapter)
Construction (Front, Rear)	Plastic, Plastic	Plastic, Plastic	Plastic, Plastic	White Plastic, White Plastic
Dimension	539.6 x 342.6 x 45.2 mm	539.6 x 342.6 x 45.4 mm	380 x 587 x 45.5mm	TBD
Weight	6.2 kg	4.8 kg	6.9 kg (without batteries)	TBD
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-30°C ~ 70°C (-22°F ~ 158°F)	-30°C ~ 70°C (-22°F ~ 158°F)
Certification	CE, FCC Class B, UL60601-1 4th edition	CE, FCC Class B, UL60601-1	CE, FCC Class B, UL60601-1 4th edition	CE : IEC/EN60601-1-2 FCC : Part 15 Class B UL60601-1
OS Information	Win 7/ 10/ Linux	Win 10/ Linux	Win 10/ Linux	Win10 64bit, Linux

Medical Display



Model Number	HID-2100	GMD-24	GMD-32	GMD-55
LCD Size, Display Type	21.5", Full HD	24", WUXGA	32", UHD	55", UHD
Resolution	1920 x 1080	1920 x 1200	3840 x 2160	3840 x 2160
Luminance	250 cd/m²	300 cd/m²	600 cd/m²	500 cd/m²
Contrast Ratio	1000	1000	4000	4000
Viewing Angle	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
Response Time	22 ms	14 ms	12 ms	8.5 ms
Backlight	LED	LED	LED	LED
Touch Type	Projective Capacitive	Projective Capacitive	Projective Capacitive	Projective Capacitive
I/O Port	HDMI input DP input VGA input DC output	1 x VGA 1 x DVI 1 x HDMI 1 x Display Port	1 x VGA 1 x DVI 1 x HDMI 1 x Display Port	1 x VGA 1 x DVI 1 x HDMI 1 x Display Port
Audio	RTD2525AR-CG integrated	-	-	-
Audio Interface	Line-out, Mic-in, 2 x 2W Speaker	-	-	-
Power Input	24V DC In	24V DC In	24V DC In	AC In
Construction	Plastic	Plastic	GM Metal	GM Metal
Dimension	539.6 x 342.6 x 45.5 mm	573.77 x 387.77 x 63.5 mm	761.2 x 465.6 x 61.5 mm	1314.6 x 785.4 x 85 mm
Weight	5.3 kg	7.4 Kgs	11.3 Kgs	46 Kgs
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Certification	CE, FCC Class B	CE (EN60601-1) FCC certified cTUVus certified	CE (EN60601-1) FCC certified cTUVus certified	CE (EN60601-1) FCC certified cTUVus certified



Healthcare AIO



Model Number	APC-15WR2
LCD Size, Display Type	15.6", Full HD
Resolution	1920 x 1080
Pixel Pitch	0.17925mm (H) x 0.17925mm (V)
Luminance	400 cd/m²
Contrast Ratio	800
Viewing Angle	85 (U), 85 (D), 85 (L), 85 (R)
Response Time	8 ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	≥ 87%
Touch Controller	USB touch (iliitek)
SBC	ACP-RK3568A
Processor	CPU Rockchip RK3568 Quad-core Cortex-A55 up to 2.0GHz
System Chipset	Rockchip
I/O Chipset	N/A
System Memory	2GB LPDDR4 up to 4GB
Expansion	1 x M.2 Type A 3042 support LTE or SSD module
Storage	1 x eMMC (32GB); 1 x M.2 Type A 3042 support SSD module
USB	2 x USB 3.0
COM Port	1 x RS-232/485 (RJ45 Type)
Display Chipset	Rockchip
Audio	Everest ES8388
Audio Interface	1 x Line out, 1 x Mic in, 2 x Speaker
Ethernet	1 x Gigabit Ethernet
Power Connector	DC Jack, +12V ~ +24V
Power Type	AT
Adapter	N/A
Construction (Front, Rear)	White Plastic
Dimension	388.5 x 263 x 31.5 mm
Weight	TBD
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-10°C ~ 60°C (-14°F ~ 140°F)
Certification	CE, FCC Class B
OS Information	Android 11

Model Number	VNS-10WR2	VNS-10W01
LCD Size	10.1"	10.1"
Display Type	WXGA	WXGA
Resolution	1280 x 800	1280 x 800
Pixel Pitch	0.1695 (H) x 0.1695 (V) mm	0.1695 (H) x 0.1695 (V) mm
Luminance	350 cd/m²	350 cd/m²
Contrast Ratio	800	800
Viewing Angle	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)
Response Time	30ms	30ms
Backlight	LED	LED
Touch Type	Projective Capacitive	Projective Capacitive
Touch Light Transmission	86%	86%
Touch Controller	USB interface	I²C interface
SBC	CPU Rockchip RK3568 Quad-core Cortex-A55 up to 2.0GHz	DNA 50
Processor	ROCKCHIP RK3568	Intel® Atom™ x5-Z8350: 2M Cache, up to 1.92 GHz
System Chipset	Rockchip	Intel® Atom™
System Memory	2GB LPDDR4 up to 4GB	2GB DDR3L RAM / option: 4GB for win 10 & Ubuntu 19.04
Storage	1 x eMMC (32GB) 1 x M.2 Type A 3042 support SSD module	32GB eMMC / option: 64GB for win 10 & Ubuntu 19.04
USB	2 x USB 3.0 Type A	2 x USB 2.0 Type A
COM Port	1 x RS-232/485 (RJ45 Type)	1 x RJ45 for RS232 or RS422 or RS485
Other	Touch Button for Power/ Brightness/ Volume, 1 x 3.5mm Audio Jack, NFC, Cam 2.0 MP, LED indicating bar	Touch Button for Power/ Brightness/ Volume, 1 x 3.5mm Audio Jack, NFC, Cam 2.0 MP, LED indicating bar
Display Chipset	Rockchip	Intel® HD Graphics 400
Display Resolution	LVDS: Max. resolution 1280 x 800	LVDS: Max. resolution 1280 x 800
Audio	Everest ES8388	Realtek ALC 5645
Audio Interface	1 x Line out, 1 x Mic in, 2 x Speaker	Mic-In and Line-Out, 2 x 2W Speaker Output
Ethernet	1 x Gigabit Ethernet	Realtek RTL8111H-CG
Power Connector	DC Jack+12~24V DC in/ Powered LAN	DC Jack+12~24V DC in/ Powered LAN
Power Type	AT	AT
Adapter	N/A	Input: 100 ~ 240 Vac / 50~ 60Hz; Output: 60W Adapter (12V / 5A Adapter)
Construction	White Plastic w/ antibacterial	White Plastic w/ antibacterial
Dimension	270 x 193 x 28 mm	270 x 193 x 28 mm
Weight	1.1 kg	1.1 kg
Certification	CE, FCC Class B	CE, FCC Class B

Open Frame Tablet



Model Number	OFT-07WR2	OFT-10WR2	OFT-21WR2	OFT-10W04	OFT-15W04	OFT-21W04
LCD Size	7"	10.1"	21.5"	10.1"	15.6"	21.5"
Resolution	600 x 1024	800 x 1280	1920 x 1080	800 x 1280	1920 x 1080	1920 x 1080
Luminance	350	350	250	350	220	250
Viewing Angle	170° (H/V)	160° (H/V)	178°	170° (H/V)	170° (H/V)	178° (H/V)
Touch Type	PCAP	PCAP	PCAP	P-CAP	P-CAP	P-CAP
Processor	Rockchip RK3568	Rockchip RK3568	Rockchip RK3568	Intel® Celeron® J3455 2M Cache 1.50 GHz	Intel® Celeron® J3455 2M Cache 1.50 GHz	Intel® Celeron® J3455 2M Cache 1.50 GHz
System Memory	2GB DDR4 RAM	2GB DDR4 RAM	2GB DDR4 RAM	1 x 204 pin SO-DIMM DDR3L 4GB	1 x 204 pin SO-DIMM DDR3L 4GB	1 x 204 pin SO-DIMM DDR3L 4GB
Wireless	802.11 a/b/g/n/ac Wireless LAN	802.11 a/b/g/n/ac Wireless LAN	802.11 a/b/g/n/ac Wireless LAN	802.11a/b/g/n/ac (2230)	802.11a/b/g/n/ac (2230)	802.11a/b/g/n/ac (2230)
Storage	32G eMMC	32G eMMC	32G eMMC	32GB (eMMC) / M.2 3042 SSD	32GB (eMMC) / M.2 3042 SSD	32GB (eMMC) / M.2 3042 SSD
External I/O Connector	1 x Giga Ethernet 2 x USB 3.0 type A connectors 1 x HDMI 1.4a connector 1 x Head phone jack 1 x DC jack 1 x Reset			1 x Giga LAN port 2 x USB 3.0 1 x HDMI 1 x HP jack 1 x DC jack 1 x Power button		
Internal I/O Connector	1 x MIPI interface 1 x USB Touch interface, 1 x USB CAM_DMIC interface 2 x RS232 (TX/RX), 1 x RS485 1 x GPIO (16bit) interface 1 x Speaker interface 1 x A-MIC interface 1 x Micro SD slot 1 x Touch button connector 1 x I²C sensor interface 1 x Debug connector 1 x DC input 4-pin header 1 x M.2 B-Key socket 1 x RTC battery			1 x MIPI interface 1 x Amic 1 x USB 1 x SPK 1 x Touch button 1 x RS485/RS232 1 x RS232 1 x DIO 1 x Micro USB (Android only) 1 x SD card slot 1 x DC-in wafer 1 x M.2 3042 B-Key(SSD or WWAN)		
Power Requirement	DC 12 ~ 24V	DC 12 ~ 24V	DC 12 ~ 24V	DC 12V~24V	DC 12V~24V	DC 12V~24V
Power Type	AT	AT	AT	AT	AT	AT
Operating Temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
Software Support	Android 11	Android 11	Android 11	Win 10/ Ubuntu	Win 10/ Ubuntu	Win 10/ Ubuntu
Dimension	190 x 130 x 31.8 mm	254 x 178 x 33.8 mm	515 x 322 x 44.9 mm	254 x 178 x 41.6 mm	384 x 254 x 47.5 mm	515 x 322 x 53.7 mm
Weight	0.5 kg	0.7 kg	3.6 kg	1.28 kg	2.2 kg	4.3 kg
Certification	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A



Open Frame Tablet



Model Number	OFT-07W33	OFP-15W38	OFP-21W38
LCD Size	7", 16:10	15.6", 16:9	21.5", 16:9
Resolution	1280 x 800	1920 x 1080	1920 x 1080
Luminance	300 cd/m <sup>2</sup>	220 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
Viewing Angle	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
Touch Type	Projective Capacitive Multi-Touch supports up to 10 points	Projective Capacitive with Multi-Touch	Projective Capacitive with Multi-Touch
Processor	Onboard Intel® Celeron® N3350/J3455 SoC BGA Processor	Onboard Tiger Lake U 11th Intel® Core™ SoC i7/ i5/i3 BGA Processor or Celeron®BGA Processor	Onboard Tiger Lake U 11th Intel® Core™ SoC i7/ i5/i3 BGA Processor or Celeron®BGA Processor
System Memory	4GB DDR3L Memory (Option up to 8GB by One SO-DIMM socket)	4GB DDR4 Memory (Option up to 64GB)	4GB DDR4 Memory (Option up to 64GB)
Wireless	Option by Mini PCIe : 802.11a/b/g/n/ac Wireless LAN and Bluetooth 4.0+	Option by M.2 WIFI/BT Module	Option by M.2 WIFI/BT Module
Storage	64GB mSATA by mPCIe Slot	Default with 64GB M.2 (Option for SATA interface 2.5" HDD/SSD)	Default with 64GB M.2 (Option for SATA interface 2.5" HDD/SSD)
External I/O Connector	2 x Intel® I211AT 4 x USB 3.0 1 x HDMI 1 x RS-232 1 x DC Jack	3 x USB 3.1 Gen2, 1 x USB 3.1 Gen1 1 x RS-232 (default)/422/485 1 x Intel® I225IT 2.5 GbE 1 x Intel® I219LM GbE PHY 2 x DP++ 1 x Line-out, 1 x Mic-in 1 x Mini Din 4-pin DC Jack, 1 x Phoenix Connector for DC in 1 x Phoenix Connector for Reset	3 x USB 3.1 Gen2, 1 x USB 3.1 Gen1 1 x RS-232 (default)/422/485 1 x Intel® I225IT 2.5 GbE 1 x Intel® I219LM GbE PHY 2 x DP++ 1 x Line-out, 1 x Mic-in 1 x Mini Din 4-pin DC Jack, 1 x Phoenix Connector for DC in 1 x Phoenix Connector for Reset
Internal I/O Connector	1 x RS-232/422/485 2 x USB2.0 1 GPIO 1 x Full Size Mini-PCIe support mSATA 1 x Half Size Mini-PCIe for option WIFI/BT	1 x RS232/422/485 (optional) 3 x RS232 (optional) 4 x USB 2.0 (optional) 1 x GPIO 1 x SIM card slot 1 x M.2 (2230) E-Key, support WiFi module/BT 1 x M.2 (2242) B-Key, support storage/5G module	1 x RS232/422/485 (optional) 3 x RS232 (optional) 4 x USB 2.0 (optional) 1 x GPIO 1 x SIM card slot 1 x M.2 (2230) E-Key, support WiFi module/BT 1 x M.2 (2242) B-Key, support storage/5G module
Power Requirement	+12V~26V DC in	DC in +12~24V	DC in +12~24V
Power Type	AT/ ATX (Default is AT Mode)	AT/ ATX (Default is AT Mode)	AT/ ATX (Default is AT Mode)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
Software Support	Windows 10 IoT, Linux, x86 Android 8.1	Windows 10 IoT, Linux	Windows 10 IoT, Linux
Dimension	183.1 x 115.8 x 51.6 mm	387 x 235 x 48 mm	501.9 x 296.2 x 55 mm
Weight	1.1 kg	2.9 kg	5.2 kg
Certification	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A

Open Frame Tablet



OFR-15WMX	OFR-21WMX
15.6", 16:9	21.5", 16:9
1920 x 1080	1920 x 1080
220 cd/m2	250 cd/m2
85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
Projective Capacitive with Multi-Touch	
Onboard MT8365 CPU, Quad-core ARM 2.0GHz Cortex-A53 MP Core, ARM Mali G52 GPU	
4GB DDR4 Memory	
Option by M.2 WIFI/BT Module	
Default with 32GB M.2	
4 x USB 3.0 1 x HDMI 1 x DC Jack	
1 x M.2 (2230) E-Key, support WiFi 1 x I2C 1 x RJ45 1 x Speaker out	
DC in +12~24V	
AT/ ATX (Default is AT Mode)	
0°C ~ 40°C (32°F ~ 104°F)	
-20°C ~ 60°C (-4°F ~ 140°F)	
0% ~ 90% Relative Humidity, Non-condensing	
Android 10	
TBD	
TBD	
CE, FCC Class A	

Medical Mobile Tablet



Model Number	CAXA0
Processor	Intel® Celeron® N3350 1.1GHz Proces-sor
System Memory	Onboard 4GB LPDDR4
Storage	64GB M.2 Solid State Drive (Option up to 128GB)
Operating System	Windows 10/ Android 8.1
LCD Size	10.1", WXGA
Resolution	1280 x 800
Luminance	300 cd/m <sup>2</sup>
Touch Screen	10 Points Projective Capacitive
Wireless LAN	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 5.0
Camera	2MP Front Camera 8MP Rear Camera With Auto Focus
NFC	ISO/IEC 14443 A/B, 15693/18092, NFCIP-1, NFCIP-2, Support MIFARE and Felica
Barcode Scanner	1D/2D Barcode Scanner (Optional)
Downside I/O Connectors	1 x Audio Jack, 2 x USB 2.0 Type A, 1 x Micro SD, 1 x DC Jack, 1 x HDMI Output
Control Button	1 x Power Button, 1 x Barcode Scanner Trigger
LED Indicator	1 x Power
Power Requirement	DC Jack +19V
Battery	28.44W Li-Polymer Battery
Battery Operating Time	6 hours
Construction	Rubber + Plastic
Dimensions	281 x 193.3 x 19.95 mm
Weight	1 kg
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Tempera-ture	-20°C ~ 60°C (-4°F ~ 140°F)
IP Rating	IP65
Certifications	CE, FCC, VCCI, CCC, BSMI, EN60601-1, EN60601-2

Expansion Power Bank



Model Number	EPB-1001
SBC	EPB-1001 Battery Board
MCU	IT8911
Charger IC	LTC1760
Power IC	LTC3789 for Vout1
DC Input	24Vdc/ 5A
Charge Current	4A Max. for 2 batteries
Charge Voltage	16.8 V
Output Current Per Battery	6.8A
Output Voltage Per Battery	14.4V
Output Power	12/19V DC-out 80W
USB Port	Type A
Indicator Light	Power/ Battery1/ Battery 2
Power Connector	DC jack with lock
Power Type	DC in
Color	Black/ White
Dimension	235 x 182 x 43 mm
Weight	1.2 kg
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Tempera-ture	-40°C ~ 75°C (-40 ~ 167°F) (Without Battery Pack)
Certification	CE/ FCC ANSI/ AAMI ES 60601 CAN/ CSA C22.2 No. 60601-1



**Bedside Infotainment Solution**  
**Patient & Room Information Display**  
**ePaper Solution**  
**Telemedicine Cart Solution**  
**OR Imaging Solution**  
**Life Science Solution**  
**AI Ready Solution**  
**Rehab Solution**



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