

Smart Solutions for Hospitals



Enhance Patient Experience

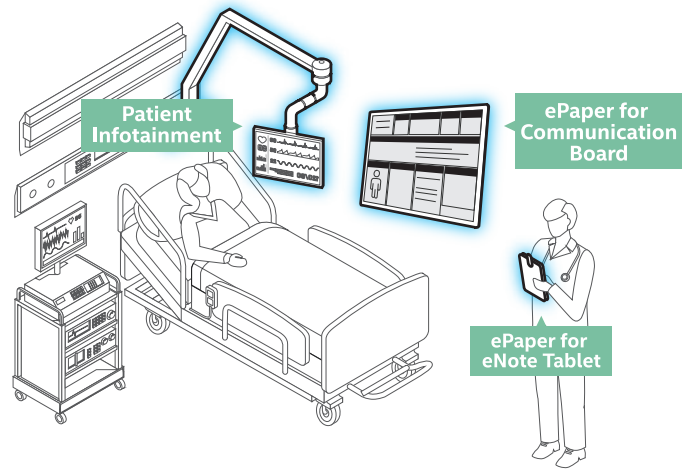


Improve Analysis Efficiency

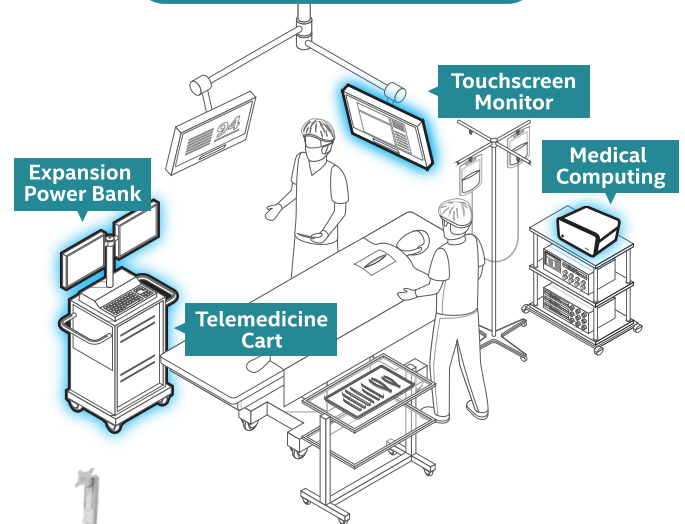


Easy and real-time Information Delivery

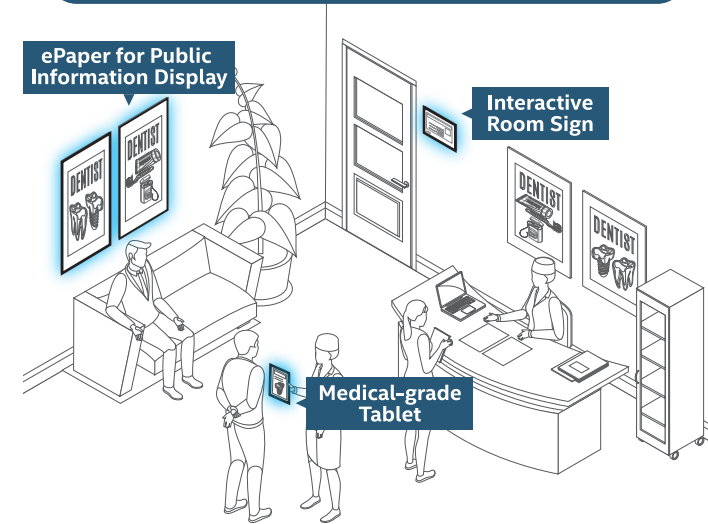
Smart Patient Room



Medical Computing



Digital Signage and Patient Engagement





Model Number	HID-2100	HID-2138	HID-2334	VNS-10W01
LCD/ Resolution	21.5" Full HD/ 1920 x 1080	21.5" Full HD/ 1920 x 1080	23.8" FHD/ 1920 x 1080	10.1", WXGA/ 1280 x 800
Backlight	LED	LED	LED	LED
Touch Type	Projective Capacitive	Projective Capacitive	Projective Capacitive	Projective Capacitive
Touch Controller	USB interface, EETI	USB interface, EETI	USB interface, EETI	I ² C interface
Processor	-	11th Gen Intel® Core™ i7/i5/i3/Celeron® Processor	7th Generation Intel® Kaby Lake Core™ i7/i5/i3/ Celeron® Processor	Intel® Atom™ x5-Z8350: 2M Cache, up to 1.92 GHz
System Memory	-	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	2GB DDR3L RAM/ option: 4GB for win 10 & Ubuntu 19.04
Expansion	-	Optional PCIe low profile card x1 Optional M.2 storage x1 Optional M.2 5G Module x1	1 x M.2 (Key E, 2230) with PCIe x1, CNVI and USB2.0 for Wireless 1 x mini PCIe with SATA or PCIe x1, mSATA	-
Storage	-	1x M.2 Key-B 2242/3042/2260 for storage	1 x 2.5" SATA3 SSD	32GB eMMC / option: 64GB
USB	2 x USB 2.0, 1 x USB Type B	2 x USB 2.0, 2 x USB type C	4 x USB 3.0	2 x USB 2.0 Type A
COM Port	-	Optional	N/A	1 x RJ45 for RS232 or RS422 or RS485
Other	HDMI input DP input VGA input DC output	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	Touch Button for Power/ Brightness/ Volume, 1 x 3.5mm Audio Jack, NFC, Cam 2.0 MP, LED indicating bar
Display Chipset	-	Intel® 11th Generation CPU integrated	Intel® HD Graphics 620	Intel® HD Graphics 400
Dimension	539.6 x 342.6 x 45.5 mm	539.6 x 342.6 x 45.4 mm	380 x 587 x 45.5mm	270 x 193 x 28 mm
Certification	CE, FCC Class B	CE, FCC Class B, UL60601-1	CE, FCC Class B, UL60601-1 4th edition	CE, FCC Class B
OS Information	-	Win 10/ Linux	Win 10/ Linux	Windows 10 IoT, Android 5.1, Linux

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
Certification	CE/ FCC ANSI/ AAMI ES 60601 CAN/ CSA C22.2 No. 60601-1

Model Number	CAXA0
Processor	Intel® Celeron® N3350 1.1GHz Processor
System Memory	Onboard 4GB LPDDR4
Storage	64GB M.2 Solid State Drive (up to 128GB)
Operating System	Windows 10/ Android 8.1
LCD Size/ Resolution	10.1", WXGA/ 1280 x 800
Touch Screen	10 Points Projective Capacitive
Bluetooth	Bluetooth 5.0
Camera	2MP Front Camera 8MP Rear Camera W/ 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	1x Audio Jack, 2 x USB 2.0 Type A, 1x Micro SD, 1x DC Jack, 1x HDMI Output
Power Requirement	DC Jack +19V
Battery	28.44Wh Li-Polymer Battery (6 hours)
Dimensions	281 x 193.3 x 19.95 mm
IP Rating	IP65
Certifications	CE, FCC, VCCI, CCC, BSMI, EN60601-1, EN60601-1-2



Model Number	EPD-42T	EPD-2501	ENT-13T1	EBC-13V1
LCD Size/ Resolution	42" H: 2160 x V: 2880	25.3" H: 3200x V:1800	13.3" H: 1650 x V: 2200	13.3" H: 2200 x V: 1650
Touch Type	Projective Capacitive	Cover Lens only	Projective Capacitive	Cover Lens only
Processor	NXP i.MX 7Dual Processor/ Dual Arm® Cortex®-A7 Cores & Cortex-M4	Intel® Celeron® SoC BGA Processor N3350 (Apollo Lake Platform)	881AP140A0-BTY2C012T404 (Cortex-A53 1.2GHz x 4 core)	Cortex-A53 1.2GHz x 4 core
System Memory	On-Board 2GB DDR3L	1x 204-Pin DDR3L SO-DIMM up to 8GB	2GB DDR3L	2GB LPDDR3
Wireless	M.2 Wi-Fi/ Bluetooth module (Optional)	mPCIe Wi-Fi/ Bluetooth module (Optional)	Wi-Fi/ Bluetooth module	Wi-Fi/ Bluetooth module
Storage	On-Board 8GB eMMC	2.5" SATA3 SSD 64GB	16GB eMMC NAND Flash memory Approx. 10.86GB free storage	16GB eMMC NAND Flash
External I/O Connector	2 x USB 2.0 (Edge I/O) 1 x Micro USB for USB OTG 1 x RJ-45 for Gigabit Ethernet	2 x HDMI, 1 x COM 2 x LAN, 4 x USB 3.1 (Gen1)	1 x USB	1 x Micro USB connector (USB2.0 / High-speed)
Power Requirement	DC +12V	DC+12V	Lithium-Ion polymer battery (2000mAh)	USB power/ 5V recharging (USB cable)
Software Support	Android 5.1 (default) Linux 4.15 (Yocto 2.1)	Android 8.1 (default) Windows 10 IoT	Android 5.1	Android 5.1
Dimension	918.8 x 704.6 x 37.6 mm	607 x 350 x 38.8mm	302.6 x 224 x 5.7 mm	302.6 x 224 x 5.7 mm
Certification	CE, FCC Class B	CE / FCC Class B	FCC, VCCI	FCC, VCCI

Model Number	MAB-T600
Processor	Intel® 12th Gen Core™ i9/i7/i5/i3/ Pentium®/ Celeron® Processor
System Memory	2 x 262-pin DDR5 4800MHz SO-DIMM supports up to 64GB
Dimension (W x D x H)	330.2 x 341 x 160 mm
Drive Bay	Internal 2 x 2.5"
Expansion Slot	4 full height expansion
System Cooling	70 x 70 x 15mm fan (TBD)
Front I/O	2 x USB ports
Button	System power on/off
Security	Depend on M/B
Limitation of CPU Cooler	Depend on CPU TDP
Power Supply	500W ATX Power Supply (Medical grade)
OS Information	Win10 64bit, Linux

For more information about Avalue smart solutions for hospitals:



Avalue Technology
9 Timber Lane, Marlboro, NJ 07746
E-mail: sales@avalue-usa.com

Tel: +1-732-414-6500
Fax: +1-732-414-6501



Avalue Website



Smart Healthcare Solution