VariCura™

Patient Infotainment and Bedside Computing Systems

Hospitals • Medical Center • Dentist Clinic

Elderly Care • Home Healthcare

✚ Advanced Healthcare

Most modern hospitals have existing electronic medical records, patient administration, digital imaging and other clinical software systems that are accessible from PCs at work stations. Poindus' VariCura™ patient infotainment terminal makes all electronic medical records easy to access nearby the patient's bed and optimizes the aiding process.

The patients stay time in hospital becomes easier by Poindus' VariCura™ which provides multimedia entertainment and communication choices such as eLearning, communication, access to clinical solutions and digital entertainment—all the content can be provided at the patient bedside.
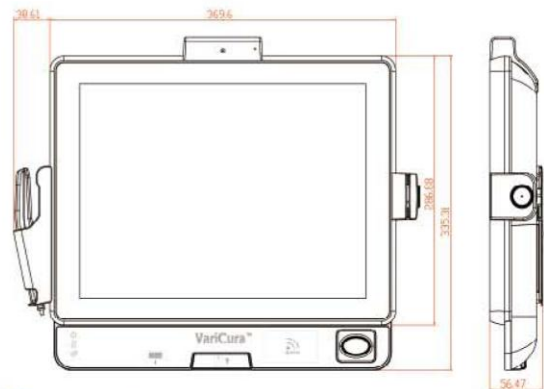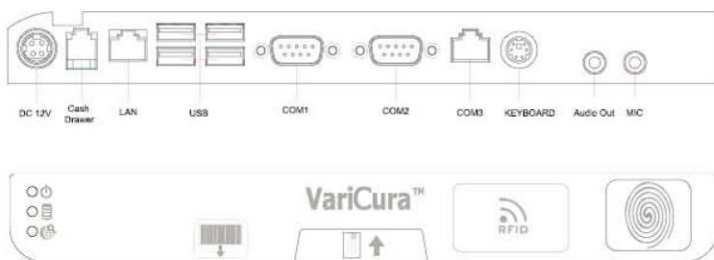
The group with the greatest need for elderly centers and home healthcare services also demonstrates the greatest variation in their ability to use electronic devices. Ease of use is critically important for devices used in home and senior care environments.

✚ Specification

CPU	Intel® Pineview-D D410 (Single Core) 1.66GHz with L2 Cache 512KB	Bus Expansion	1 x Mini-PCI-E Slot
		Compliance	IP 66
	Intel® Pineview-D D510 (Dual Core) 1.66GHz with L2 Cache 1MB	System Management	Desktop Management Interface (DMI)
Chipset	Intel® Pineview + ICH8M		Preboot Execution Environment (PXE)
System Memory	1 x SO-DIMM DDRII 667, up to 2GB		Wake on LAN (WoL)
Display			Advanced Configuration and Power Interface (ACPI)
TFT LCD	38.1cm (15")	OS Support	Windows 7, Windows POSReady 2009, WEPOS, Windows XP Pro for Embedded, Fedora(Linux)
Brightness	250nits		
Resolution	1024 x 768		
Touch Screen	True Flat Projected Capacitive Technology	Power Supply	External adapter, DC Model:72 Watts, Voltage:+12VDC 6.0 Amax
Storage		Material	Die-casting aluminum
HDD Type	1 x SATA 6.4cm (2.5")HDD	Color	White
I/O Ports -External		Certifications	EN60601-1-1 , EN60601-1-2 ,CE, FCC, Class-A, RoHS, WEEE
DC Input	1 x Mini Din 4P (DC 12V only)		
Cash Drawer	1 x RJ-11 (Power Pin 12V)	Dimension(Wx H x D)	409 x 336 x 57mm
Network (LAN)	1 x Gigabit Ethernet by RJ-45	Weight	6 Kg
USB Port	4 x USB 2.0	VESA Mounting	100 x 100mm
Serial Port	4 x RS-232	Operating Temperature	0ºC ~ 40ºC, 10% ~ 90% RH, non-condensing
	COM1/2 : DB-9, RS-232, Pin9 w/RI/5V/12V Selectable by BIOS		
	COM3 : RJ-48 for VFD, RS-232, Pin10 w/ RI/5V/12V Selectable by BIOS	Storage Temperature	-20ºC ~ 60ºC, 10% ~ 90% RH, non-condensing
	COM4 : DB-9, RS-232, Pin9 w/RI/5V/12V Selectable by BIOS (Optional)	**Optional Accessories**	
PS/2 Port	1 x PS/2 connector for Keyboard	MSR	3 tracks RS-232 type / 3 tracks PS/2 type
Phone-out / Microphone –in	1	MSR+iButton	MSR-Front Type & iButton, PS/2 Type / RS-232 type
LPT Port	1 x DB-25 Printer Port (Optional)	Smart Card Reader	ISO 7816
VGA Port	1 x DB-15 VGA Port (Optional)	FingerPrint Reader	1 x Fingerprint Reader
I/O Ports -Internal		RFID Module	13.56MHZ Read / Write
		Scan Module	Miniature CCD module
Card Reader & iButton	COM5 : Internal Pin header for Card Reader & iButton	VOIP Phone	Skype Phone
Audio	AC 97 2.0 compliant, 2W Speaker x 2	Camera	1.3M pixels, USB type web camera built-in microphone

*Poindus reserves the right to change the specification without prior notice.

✚ I/O and Dimensions

DC 12V | Cash Drawer | LAN | USB | COM1 | COM2 | COM3 | KEYBOARD | Audio Out | MIC

VariCura™ RFID

➕ Features

- Intel® Pineview-D D 410 / D510 1.66GHz CPU integrated
- 38.1cm (15") projected capacitive touch screen
- Anti-bacteria coating for medical application
- Flexible connection of: VOIP Phone/ fringerprint / barcode scanner / RFID/ smart card reader....
- EN60601-1-1, EN60601-1-2 Certificated
- IP66 at front panel approved
- VESA standard for flexible mounting solutions
- Sustainable alcohol or cresol cleaning

Medical-fit Design

➕ Enclosed

- True flat panel for easy cleaning and alcohol cleaning
- IP 66 waterproof front panel
- Anti-bacteria coating
- Aluminum housing for hygienic and noise-free environment

➕ Peripheral

RFID reader, Digital Phone, Barcode Scanner, Finger Print Reader, Smart Card Reader, Camera, Mic, and MSR.

➕ Multi-touch Panel

VariCura™ supports the projected capacitive technology (PCT) & Multi-touch screen for intuitive operation

➕ Flexible Mounting
100 x 100 mm VESA mounting

VariCura™ can be installed at the nursing cart for movable and efficient usage for nurse or doctor and bring the equipment nearby the patient's bed.

The clinical installation is to position the Varicura to enable patients to view it from a lying or sitting position in the bed or from a chair at the bedside, as well as enabling clinicians to use it and turn it away from the patient when required.

➕ Certifications

Medical standard Certification:

EN60601-1

C€ FC