



The **Philips ClearVue 650** is a compact, full side ultrasound. The ClearVue 650 is a versatile ultrasound and can provide ultrasonic imaging for Various areas; cardiac, vascular, Obstetrics, Gynecology, Abdominal, MSK, and small parts. Features like SonoCT, XRES, and iScan technologies can enhance the quality of the image by reducing the number of artifacts to show more detail while optimizing the scale and making adjustments to the 2D, 3D, and 4D live images. The ClearVue ultrasound system has a 19-inch high-resolution monitor on an articulating arm and four transducer/ probe ports. The ClearVue System is an Energy-efficient ultrasound that offers low power consumption.

## Features

- 4D ultrasound imaging
- Two transabdominal convex ultrasound transducers
- Tilt-and-Swivel 17" High Resolution LCD
- SonoCT Compound Imaging
- Panoramic
- 4 transducer ports
- Simplified Interface
- Lightweight transducers
- Tissue Harmonics
- 2D, M-Mode, Anatomical M-Mode
- Trapezoidal Imaging
- PW/Color/Power Angio Doppler
- HPRF PW Doppler
- 3 USB Ports
- internal Hard Drive
- CW Doppler Option
- Duplex, Triplex
- HD Zoom
- XRES eXtreme Resolution speckle reduction imaging
- Cineloop review of ultrasound images
- Integrated multi-session CD/DVD Drive
- DICOM
- Ethernet port



# Specifications

## System Overview

Width: Keyboard: 500 mm (19.7 in) Caster: 720 mm (28.3 in)  
 Depth: Maximum: 697 mm (27.4 in) Caster: 800 mm (31.5 in)  
 Height: Maximum: 1412 mm (55.6 in)  
 Weight: 56 kg, 123 lbs

## General Specifications

Digital beamformer  
 Displayed imaging depth: 0 – 33 cm (probe dependent)  
 Minimum depth of field: 0 – 2 cm (probe dependent)  
 Maximum depth of field: 0 – 33 cm (probe dependent)  
 Continuous dynamic receive focus/continuous dynamic receive aperture  
 Adjustable dynamic range up to 120 dB

## Power

Nominal input voltage: 100-240 VAC, frequency 50/60 Hz  
 Power consumption maximum: 400 VA with peripherals

## System Overview

Monitor (inch): 17" LCD  
 Tilt/Rotate Adjustable Monitor: Yes  
 Monitor Resolution: 1280\*1024  
 Touch Screen (Inch): No  
 Trackball or Trackpad: Trackball  
 CP Back-Lighting: Yes  
 Weight: 115 lbs (52kg)  
 Probe Ports: 4  
 Battery: No  
 Sleep Mode (Quick Start): No  
 Maximum Depth of Field: 30cm  
 Minimum Depth of Field  
 Cart (HCU): No  
 Independent Steer & Lockable Wheels: Yes

## Imaging Modes

2D, M mode: Yes  
 M-color Flow Mode: Yes  
 Anatomical M-mode: Yes  
 Trapezoidal Mode: Yes  
 Color, Power Angio, Pulse Wave Doppler: Yes  
 Bi-directional Power (=HD FLOW): Yes  
 SCW Doppler: Yes  
 Tissue Doppler(Velocity) Imaging: Yes  
 Freehand 3D: Yes  
 Live 3/4D OB/GYN: Yes  
 HD Live: No  
 STIC (Spatio-Temporal Image Correlation): Yes



# Specifications Continued

## Imaging Modes (continued)

Live 3D Echo: No  
 Stress Echo: No  
 Strain and Strain Rate (Cardiac): No  
 B Flow: Yes  
 Panoramic Imaging (=Logiq view): Yes  
 Contrast Imaging - Cardiac: No  
 Contrast Imaging - General Imaging: No  
 Strain-based Elastography: Yes  
 Shear Wave Elastography No

## Connectivity

DICOM 3.0: Yes  
 DICOM SR\_Cardiac: Yes  
 DICOM SR\_Vascular: Yes  
 DICOM SR\_OB/GYN: Yes  
 JPEG, WMV, & AVI: Yes  
 USB: Yes(3)  
 HDD/SDD: 500GB  
 DVD/CD RW: Yes  
 Wireless LAN: No

