



The **GE NextGen Logiq E** is a portable, laptop-style ultrasound system that offers high performance. The NextGen Logiq E is the latest version of the Logiq E with faster speeds and better image quality. The ultrasound can provide images for Anethia, musculoskeletal, and Rheumatology. The NextGen offers new technologies along with new transducers and probes for better images. The ultrasound system features a high-resolution display and a user-friendly operating system. The GE NextGen ultrasound was designed mainly for anesthesiology. The system comes with specific software and transducers that help you see needles. The system uses two different types of ultrasound images, one that can detect tissues and nerves, and the other that can detect metal, making needles stand when making injections in the patient.

## Features

- Portable laptop style Ultrasound
- System comes with an Intel Duo Core i7
- Wired and Wireless Connectivity
- High-resolution 15-inch Color LCD display
- CrossxBeam
- Speckle Reduction Imaging (SRI-HD)
- Virtual Convex/ Virtual Apex
- Code Harmonic Imaging (CHI)
- Customizable User Interface Loop storage – from live scanning and from memory
- Patient Information Database
- Customizable User Interface
- Full M&A Calculation Package with Real Time Auto Doppler Calculations



# Specifications

## Console Dimensions

Height: 70 mm (2.75 in) console only / 100 mm (3.94 in) with handle  
 Width: 295 mm (11.61 in) console only / 343 mm (13.50 in) with handle  
 Length: 346 mm (13.62 in) console only / 375mm (14.76 in) with handle  
 Weight with Battery: approximately 5.2 Kg (11.5 lbs)

## Console Electrical Power

Voltage: 100-240 V AC  
 Frequency: 50/60 Hz  
 Power: Max. 130 VA

## Console Design

Laptop Style  
 Lithium Ion Battery  
 Integrated Solid State Drive  
 CPU – Intel Duo Core  
 Operating System – Microsoft® Windows® 7

## Console Interface

DC Power Input  
 USB 2.0 (3)  
 LAN 10/100/1000 BaseT  
 Docking Cart Connector  
 HDMI

## Display Screen

15 in High-Resolution Color LCD  
 Resolution: 1024 x 768  
 Horizontal/Vertical viewing angle: +/-80 degree  
 Brightness Adjustment  
 Integrated Speakers  
 Audio Volume Adjustment  
 Interactive Dynamic Software Menu

## Operating Mode

B-Mode  
 M-Mode  
 Anatomical M-Mode/Color M-Mode (AMM) (optional)  
 Color Flow Mode (CFM)  
 Power Doppler Imaging (PDI)  
 High-Res PDI (optional)  
 Continuous Wave Doppler (CWD) (optional)  
 Pulse Wave Doppler (PWD)  
 Tissue Velocity Image/Tissue Velocity Doppler (TVI/TVD) (optional)  
 Needle Recognition

## Transducer Types

Convex Array: C1-5-RS  
 Microconvex Array: 8C-RS, E8C-RS  
 Linear Array: 9L-RS, 12L-RS, L4-12t-RS, L8-18i-RS, L10-22-RS  
 Phased Array: 3Sc-RS, 6S-RS  
 TEE: 6Tc-RS

