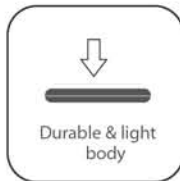


# SonoBook

Smart Laptop with Premium Performance



# Never Sacrifice Performance For Portability

SonoBook dramatically improves the most important aspects of the compact ultrasound experience. The Premium performance and comprehensive diagnostic exams are ever in SonoBook.

SonoBook is designed to meet the different kinds of conditions, critically ill patients and emergency environment for clinicians who care for them. It is ready to perform anytime and anywhere.

SonoBook can measure up to 40m/s high speed velocity, and can also sensitively detect 2cm/s slow velocity; Fastest data transfer and process, seamless switch between each modes(Using the advanced PCI-E interface); Instant image saving & retrieving(Using the SSD memory);Rapid frame rate(Using Quad-beam former).

When clinicians confront with the challenging patient's cardiac that SonoBook can measure up to more than 30cm depth. Also clinicians can observe clearly superficial finger tip vessels within 2mm; Versatile probes cover 1Mhz to 23Mhz range.

And it looks every bit as powerful as it is.



**The SonoBook with Smart trolley can connect three transducers.**



### Cardiovascular

- Single-crystal transducer is used for resolution and penetration improvement.
- Comprehensive cardiac measurement package : Stress Echo, Auto IMT, Semi-automatic measurement, PISA, and etc.
- User-definable cardiac measurement workflow



### General Imaging

- Versatile probes cover 1Mhz to 23Mhz range
- Efficient workflow can meet different kinds of environment
- Real time curved panoramic imaging technology
- Advanced technologies: Q-beam, Q-flow, Q-image, FHI, X-contrast



### Women's Health

- Auto-tracing and measurements of breast lesions
- Quantitive elastography analysis for breast imaging
- Auto-tracing and measurement for follicles
- Multiple follicles report for IVF procedure
- Auto NT measurement for OB
- 4D&HD Live & depth view & nitch mode for OB
- Multi-slice imaging for detail diagnosis of fetal defects



### POC with Critical Care

- Slim and portability design make SonoBook more compact.
- Advanced new generation platform, provide the premium image quality to make the diagnosis more accurate and efficiency.
- Fast and reliable performance



### Emergency environment

- Fast boot up and standby mode
- Long Battery life 2 hours for Real-time scanning
- Auto brightness adjustment according to different environment



### Anaesthesia

- Super Needle enhances the presentation of the needle without degrading the image.
- 2D steer
- High frequency linear probe up to 23Mhz
- Button Probe design for sterilized operating environment
- Needle guide support: Convex, Linear, Micro-convex & rectal probe

**Performance is an act of faith.**

**-----Marya Mannes**



# Small Outside Huge Inside

## Faster

- Compared to QBit Series, SonoBook has more premium performance. ( Volume decreases by 30 times and power consumption saves 10 times )
- Boot up (within 1min)
- Shut down (within 15s)
- Time to standby within 12s
- Time to wake up within 12s
- Cine saving time: less than 1s
- Quick response: Transmission platform (PCI-E interface)

## Green design

- SSD for lower consumption
- Standby: manual or the sensor
- Auto brightness adjustment
- Highly integrated modular design
- Highly efficient radiator to cool the system
- RoHS certified materials

## Versatile probes

- Provide 18 kinds of probes
- Covering 1mhz to 23mhz frequency range
- 192 elements high density probe
- Intra-operational probe
- TEE probe
- Single crystal probe

## Larger

- Pip zoom without(Support B&W/C Mode)
- One key to full screen



## Easy-to use tools

- AIO (Auto Image Optimization)
- Super Needle ( Needle visualization software)
- Q-beam( Improves image quality and frame rates.)
- Q-flow
- X- Contrast
- Q-imaging
- FHI
- Stress ECO
- TDI (Tissue Doppler Imaging)
- Free steering M mode
- Semi-automatic
- PISA
- FHI
- Elastography
- Virtual HD
- Depth View
- Quadplex

## More Connectable

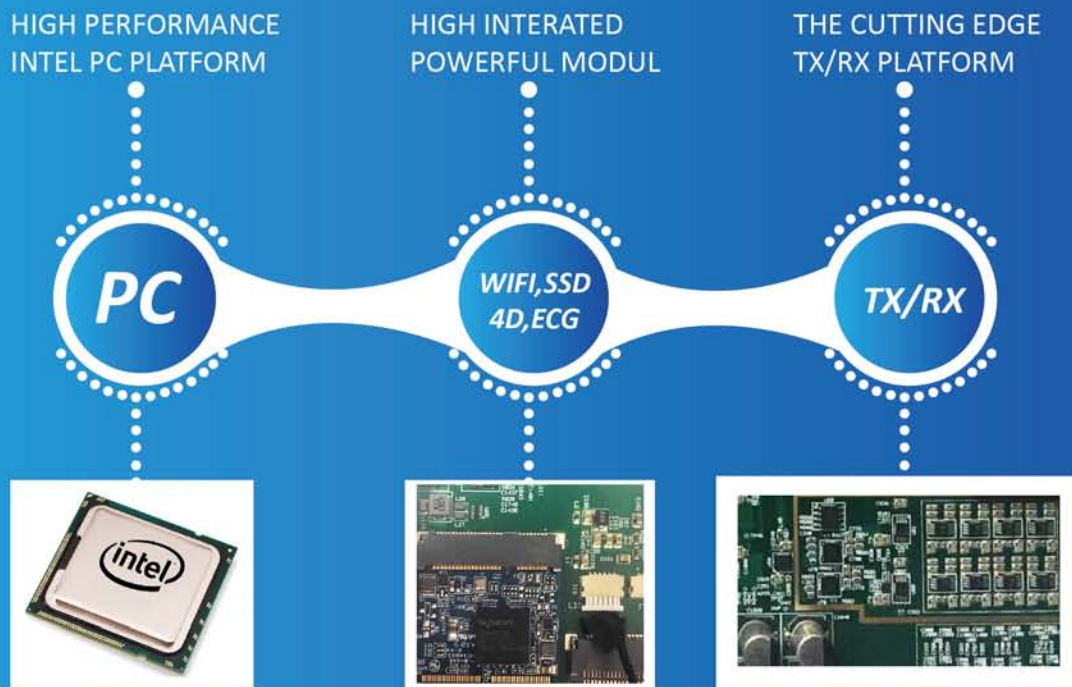
- Intelligent patient's data management
- Docking(DVI, Foot-Switch, Video-Out, Remote, S-Video)
- USB3.0
- WIFI

## Smarter

- AIO( BW & PW )
- Auto Measurement(Auto IMT, Auto NT, Auto Trace PW, Auto Trace For Follicle)
- Auto-environment light adjust
- User-defined operations

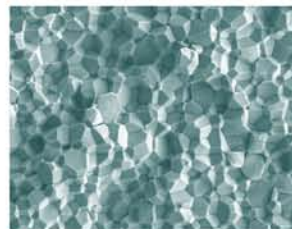
# High-Performance Processors

- Advanced Transport platform (PCI-E interface)
- SSD Hard Driver
- Innovative imaging Technologies
- State-of-the-art storage



## Advanced Transducer Technology

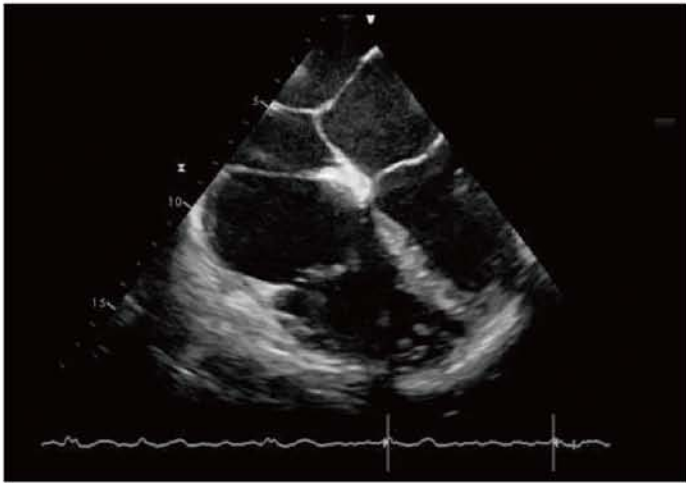
- These superior single crystal materials result in transducer with a wide-bandwidth and higher sensitivity that provides
- higher resolution and and penetration to user. It also offers better and color dynamic flow, especially during difficult-patient scanning.Reduced noise, ingenious structure and details can perfectly show such as the anatomical structure of renal vessel, heart valve leaflets, and endocardium.



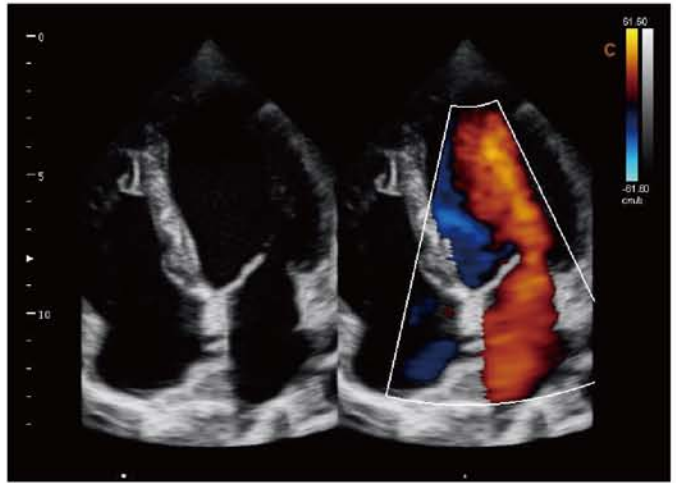
Conventional



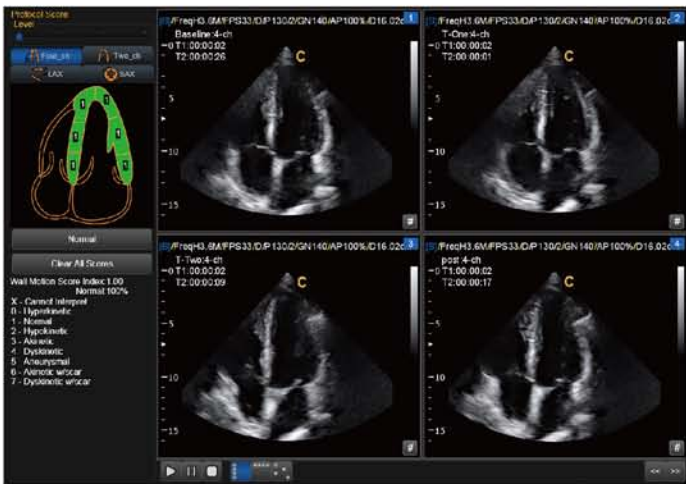
Single crystal materials



Cardiac, TEE



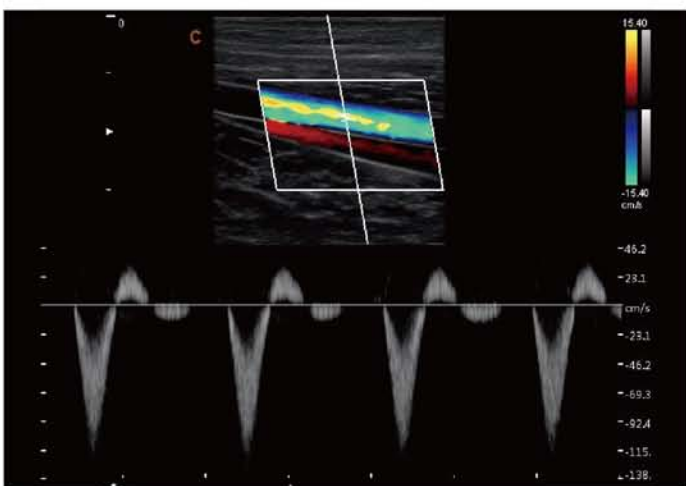
4-Chamber View, B/BC Mode



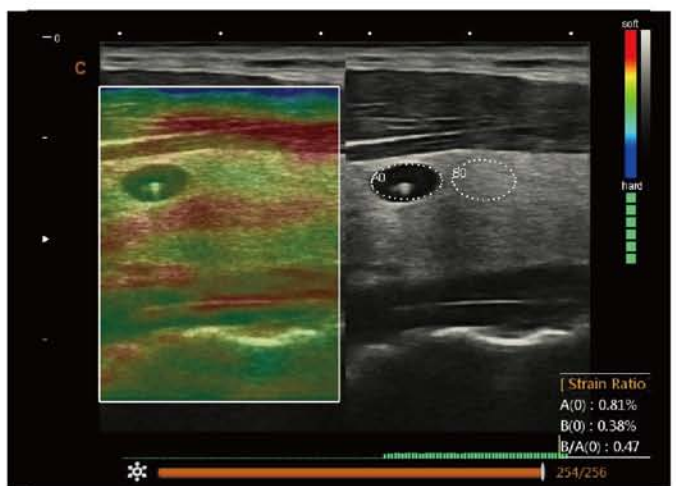
Stress Echo



MSK, B Mode



Lower Extremity Vessel, PW mode



Thyroid, Elastography

