

# SonoBook™ 8



# Adaptive, Agile, Advanced

SonoBook™ 8 is an outstanding ultrasound system with compact, light and robust alloy casing design, tailored for users who need maximum mobility, but also demand powerful functions. With its adaptive, agile and advanced design, SonoBook 8 is the most optimum choice.



- Instant response.
- Innovative transducer technologies are used for extraordinary cardiac performance.
- Comprehensive cardiac measurement packages: Semi-auto Simpson, PISA, etc.
- Customizable cardiac measurement workflow.
- Probes: Adult & Pediatric phased array.



- Versatile probes covering 1.5 MHz-18 MHz.
- Efficient workflow for different clinical applications.
- Real-time curved panoramic imaging.
- Advanced technologies: Q-beam, Q-flow, Q-image, FHI, X-contrast.
- Extraordinary performance for easy diagnosis.
- Probes: Convex, Linear, Transvaginal, Transrectal, Micro-Convex, etc.

# Button-probe

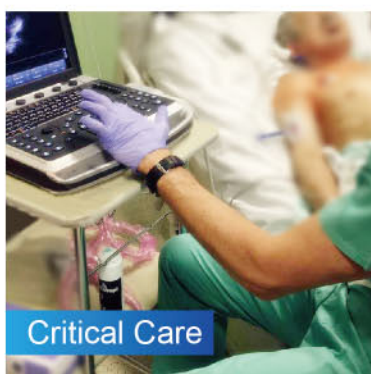


- Remote control of the system through probe buttons, free your left hand for other important work.
- Program the P button, for simple, fast and precise use.
- Provide immediate image refinement with one click.
- Easy control & easy hold.



Anaesthesia

- Superior anesthesia performance.
- Super Needle enhance needle without degrading the image.
- 2D steer.
- Multi-zoom function for tiny structures, full screen to enlarge the image area.
- Probes: 192 elements linear, 18MHz high frequency probe, button-probe.



Critical Care

- Portable design < 12 lbs.
- Fast and reliable performance.
- Dedicated process for ICU purpose.
- Triple probe connectors and precision cart(option).
- Instant response.
- Excellent battery life, up to 2 hours in active mode, up to 1 week in standby mode.
- Probes: Phased array, Convex, Linear, Micro-convex, Button-probe.



Emergency

- Fast boot-up.
- Longer battery life up to 2 hours active mode, fast battery swap.
- Auto-ambient adjustment for indoor and outdoor environment.
- Durable & robust design for challenging environment.
- Probes: Phased array, Linear, TV, Button-probe.
- Built-in FAST preset.
- Wifi-compatible.

# Small Outside

# Huge Inside

## Ultra

- Ultra-Light < 12 lbs (with battery)
- Ultra-Slim
- Ultra-compact
- Ultra-deep penetration > 30cm
- Ultra-superficial observation < 2mm
- Ultra-slow velocity detection < 2cm/s
- Ultra-high velocity detection > 40m/s (probe-dependent)

## Faster

- Boot up around 1min
- Shut down < 12s
- Still image and cine can be saved in 1s
- Instant switch between different modes & measurements

## Wider

- Versatile solutions: Cardiovascular, Radiology, Internal Medicine, Small Parts, General Imaging, Vascular, Intensive care, Emergency, MSK, ICU
- Supports wide ranges of probes
- Covering 1.5 MHz- 18 MHz frequency range
- 192 elements high density probe
- Innovative probe (available)
- Large Storage Size (10 thousands of images and cines)



Multipurpose suitcase: either as your backpack, or as carrying case.



## More Connectable

- Intelligent patients' data management
- SonoDocking: DVI-I, Foot-Switch, Video-Out, remote, S-Video
- USB3.0
- Wifi-Compatible
- DICOM: Structure report, worklist, storage, print

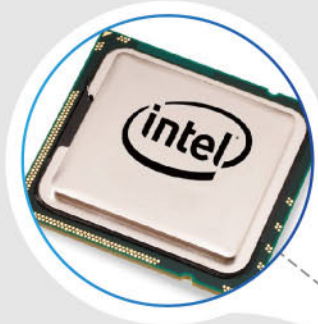
## Smarter

- AIO (Automatic Image Optimization for B mode & D mode)
- Auto Measurement: Auto IMT, Auto NT, Auto -trace for PW, Auto-trace for follicles and breast lesions
- User-defined workflow
- Auto-ambient adjustment tailor to indoor & outdoor uses

## Greener

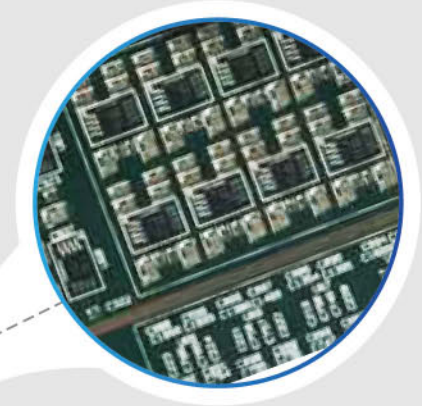
- SSD for lower power consumption
- Standby mode to save energy
- Auto-ambient adjustment to save battery life
- Low heat and noise design
- Up to 1 week battery life in standby mode
- Up to 2 hours of continuous use in active mode

# High-Performance Architecture



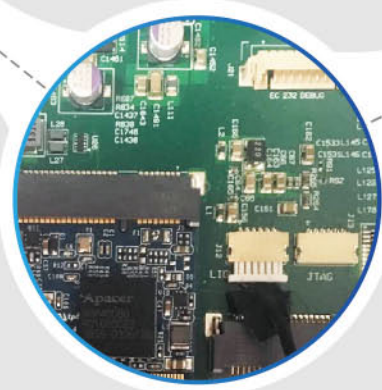
**+ WIFI, SSD, ECG**

HIGHLY INTEGRATED  
POWERFUL MODULE



**+ PC**

HIGH PERFORMANCE  
INTEL PC PLATFORM



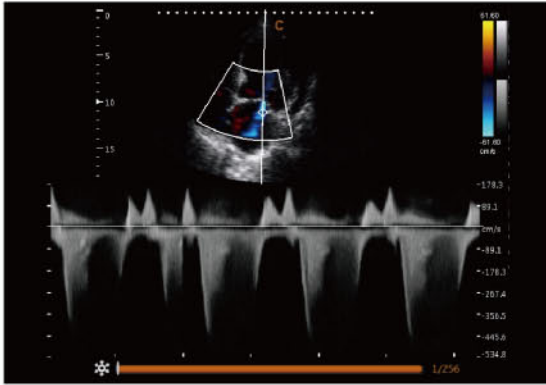
**+ TX/RX**

THE CUTTING EDGE  
TX/RX PLATFORM

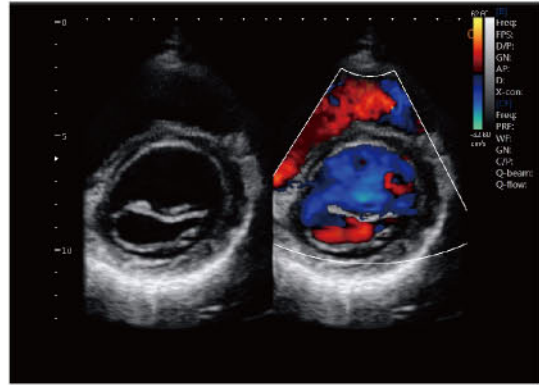


## Standby mode

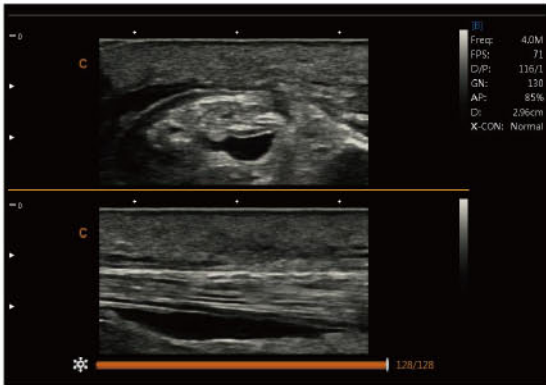
- Smart backstage management enables extended battery life
- Instant power-on



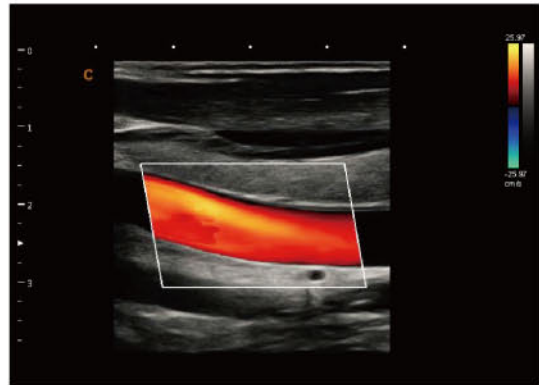
Mitral Valve Regurgitation, CW Mode



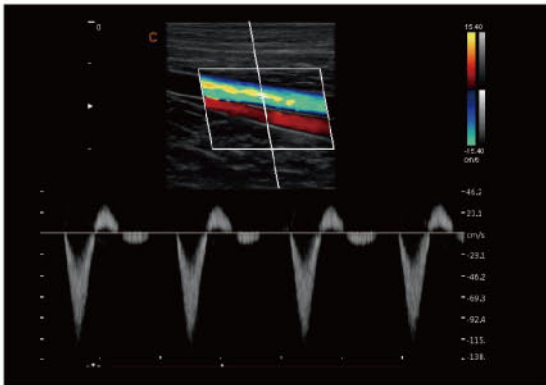
Short axis of mitral valve, B/BC Mode



MSK, B Mode



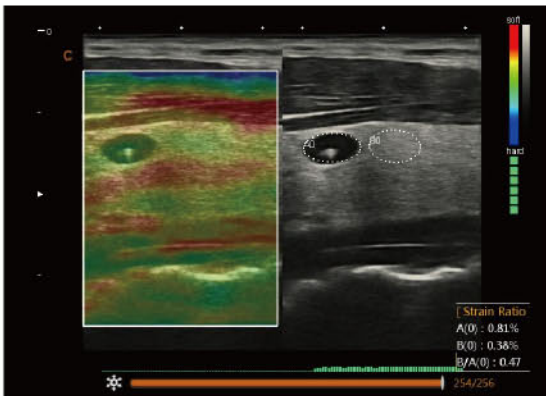
Carotid, C Mode



Vessel, PW mode



Gallstone, Zoom Mode



Thyroid nodule, Elastography



Auto-trace follicle measurement



2.0MHz-6.8MHz  
Convex  
C3-V



4.0MHz-15.0MHz  
Linear  
L7-V



7.0MHz-18.0MHz  
( With FHI ) Linear  
L12-V



4.0MHz-15.0MHz  
Linear  
L8M-V



5.0MHz-14.0MHz  
Linear  
L8M5-V



4.0MHz-15.0MHz  
Linear  
L7SVA-V



1.5MHz-5.3MHz  
Phased array  
P2-V



2.0MHz-8.0MHz  
Phased array  
P5-V



4.0MHz-12.0MHz  
Transvaginal  
E6-V



4.0MHz-15.0MHz  
Transvaginal  
E7W-V



4.0MHz-15.0MHz  
Trans-Rectal  
R7-V



2.0MHz-6.8MHz  
Micro-Convex  
MC3-V



4.0MHz-12.0MHz  
Micro-Convex  
MC6-V

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