

Verasonics' Universal Transducer Adapters (UTAs) enable Vantage<sup>®</sup> *NXT* Research Ultrasound System users to quickly convert their system to operate transducers with a variety of connectors.

One UTA adapter is included with every Vantage *NXT* System purchase. Additional adapters can be added as research needs change.

### Benefits of Verasonics' UTA technology:

- Enables use of high-performance, low noise connectors
- Allows for transducers up to 256 elements without a multiplexer
- Provides signal paths for transducers requiring additional grounding, power supply, digital control signals, etc.
- Offers compatibility with options from a variety of transducer partners
- UTAs are designed to be interchangeable across platforms - Vantage UTAs are designed to work with Vantage *NXT* Systems, Vantage *NXT* UTAs work on Vantage Systems\*

\* Contact [sales@verasonics.com](mailto:sales@verasonics.com) with UTA questions.



Any UTA can be changed in a few minutes — no tools required

UTA	Vantage <i>NXT</i> 32LE**	Vantage <i>NXT</i> 64**	Vantage <i>NXT</i> 64LE	Vantage <i>NXT</i> 128	Vantage <i>NXT</i> 256
<i>NXT</i> UTA 260-S	○	○	✓	✓	○
<i>NXT</i> UTA 260-D	○	○	✓ (64 channels only/each connector)	✓ (64 channels only/each connector)	✓ (128 channels only)
<i>NXT</i> UTA 260-MUX	✓	✓	○ (64 channels only)	○ (64 channels only)	○ (64 channels only)
<i>NXT</i> UTA 408-GE	X	X	✓ (128 channels only)	✓ (128 channels only)	✓
<i>NXT</i> UTA 64 LEMO	○	✓	○ (64 channels only)	○ (64 channels only)	○ (64 channels only)
<i>NXT</i> UTA 128 LEMO	○	○	○	✓	✓ (128 channels only)
<i>NXT</i> UTA 256 Direct	○ (64 channels only)	○ (64 channels only)	✓ (128 channels only)	✓ (128 channels only)	✓
<i>NXT</i> UTA 1024-MUX	X	X	X	X	✓

✓ Indicates the UTA is supported and is tested for imaging performance

○ Indicates the UTA is recognized by the system

X Indicates the UTA is not supported by the system

\*\* Future availability, *NXT* adapter compatibility with Vantage *NXT* 32LE and 64 subject to change.



### NXT UTA 260-S

The **UTA 260-S** and **UTA 260-D** adapters are compatible with Verasonics-labeled transducers and ATL HDI Transducers, including 192 and 256-element probes with high voltage multiplexers.



### NXT UTA 260-D



### NXT UTA 260-MUX

The **UTA 260-MUX** supports transducers with up to 128 elements.



### NXT UTA 408-GE

The **UTA 408-GE** supports Verasonics transducers, select GE Healthcare<sup>1</sup> transducers and custom transducers using the GE-408-pin backshell kit.



### NXT UTA 256 Direct

The **UTA 256 Direct** provides direct connections for custom and specialty transducers with up to 256 elements without the use of a multiplexer.



### NXT UTA 1024-MUX

The **UTA 1024-MUX** provides multiplex connectivity for transducers with up to 1024 elements on Vantage **NXT** configurations with fewer channels, necessary for 3D and volume acquisition research.



### NXT UTA 64 LEMO

The **UTA 64 LEMO** and **UTA 128 LEMO** adapters provide 64 or 128 LEMO series 00 connectors for single element transducers.



### NXT UTA 128 LEMO

<sup>1</sup> GE Healthcare is a registered trademark owned by GE Healthcare Technologies Inc.

