

Lux DATA

Lux DATA – THE DATA PROCESSING & STORAGE SOLUTION

Lux DATA is a comprehensive data processing and storage solution. It is designed to handle effectively the vast amount of data generated in light-sheet fluorescence microscopy, but also super-resolution or two-photon imaging. It enables fast data transfer even during acquisition and large-capacity storage as well as remote access and high-performance processing of multi-dimensional image data, leveraging multi-core- and multi-GPU-based computation.

The **Lux DATA** approach perfectly complements image acquisition with LUXENDO SPIM microscopes enabling all subsequent processing steps and saving time and money.

Lux DATA features high-performance data processing and storage components, including:

- › **RAID storage unit connected via fast LAN to the LUXENDO SPIM computer for rapid transfer of image data**
- › **High-performance image data processing and computation unit**
- › **Network components allowing high-throughput data transfer between the units and convenient remote access**
- › **Easy integration into existing network infrastructure**



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SPECIFICATIONS

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