XSPEEDLUX

**UNIVERSAL PREMIUM STATION FOR
COLORGRADING AND RENDERING**

XSpeedLux is the ultra-powerful workstation developed by BA Instruments, the Design & Manufacturing division of AV solutions at **Broadcast Architech**. XSpeedLux is designed for demanding color grading and computational tasks. It incorporates the latest technologies, including AMD Ryzen Threadripper processors and Nvidia RTX graphics cards.

ZERO LATENCY

The hardware optimization carried out by the BA Instruments R&D team around the two central subsystems allows for a comfortable and seamless working environment, entirely free of stutters or latency, even in 8K.

XSpeedLux was developed after months of collaboration with seasoned experts and operators to fully meet the specific demands of their professions. Aware of the rapid evolution of needs and workflows, XSpeedLux will easily adapt. Indeed, its modular design will enable it to skillfully handle the most complex scenarios imposed upon it.

SEVERAL WEEKS OF TIME SAVED

Extremely powerful, the XSpeedLux can be used simultaneously for conforming tasks as well as transcoding sessions, significantly boosting your productivity. Real-world average performance measurements show a gain of several weeks of productivity per year. For example, outputting a 52-minute UHD project requires less than an hour, and a multi-layer 4K export takes under 1 hour and 30 minutes.

5-STAR SUPPORT

Just like all solutions designed by BA Instruments, the XSpeedLux workstations are covered by the **SASI by BA** contract (Service, Assistance, Support, Intervention). SASI by BA is recognized as professionally essential by all of BA's partners for the quality of services offered. The high level of support, flawless responsiveness for handling issues, rapid intervention, quality of interlocutors, and direct access to level 3 support are all premium benefits ensuring a secure and highly valued acquisition experience for all.

SPEEDLUX
UNIVERSAL PREMIUM STATION FOR COLORGRADING AND RENDERING

SPEEDLUX
COLORING

Processor: Up to 128 cores

RAM: DDR4 up to 512 GB

GPU: NVIDIA RTX

Standard NVMe PCIe4 Cache

Network Card: Up to 100 Gb

Premium BA Support

For a 52-minute project:

Output	52 min UHD HDR: <1H
Export	Multilayer 4K: <1H30
Transcoding	4K UHD to MP4 HD: <5 min

SPEEDLUX
RENDER FARM

Multi-Processor: Up to 128 cores

DDR4 RAM: Up to 512 GB

Multi-GPU: NVIDIA RTX

Standard NVMe PCIe4 Cache

Network Card: Up to 100 Gb (standard)

Premium BA Support

Designed for video and 3D rendering with support for resolutions up to 8K.

Delivers extremely reduced processing time.

Can be customized to suit any type of rendering task.

XSPEEDLUX

- **32 cores**

Ideal for 4K color grading.

- Processor: 32 cores
- RAM: 128 GB
- Graphics Card: RTX 3080 Ti 12GB
- Mirrored NVMe System: 1 TB
- Local Storage: 2 TB NVMe

XSPEEDLUX

- **64 cores**

Designed for 8K color grading, VFX creation, and ultra-fast rendering and transcoding.

- Processor: 64 cores
- RAM: 256 GB
- Graphics Card: RTX 3090 Ti / RTX 4090 24GB
- Mirrored NVMe System: 1 TB
- Local Storage: 4 TB NVMe

XSPEEDLUX Custom

In addition to the XSPEEDLUX models listed in the catalog, BA Instruments designs custom units to meet any type of need. Thus, upon simple request, we can provide you with a unique XSPEEDLUX perfectly tailored to your requirements.