тоοls ΟΝ air

TOA JUST:IN MAC PRO 2025.3 BOILERPLATE

Additional information about the just:in mac pro Capture Solution for macOS.
To be used for RFI, RFP or Web Shop descriptions.

v.1.8 − DECEMBER 2025

Disclaimer

Table of Contents

tools ON air

1 Change Log:

Date	Version	Changed by	Changes
01.12.2025	1.8	MGR	**Updates/changes:** • Updated feature set and compatibility matrix for version 2025.3. • Updated workflow diagram and overview.
18.04.2025	1.7	MGR	**Updates/changes:** Updated feature set and compatibility matrix for version 2025.2.
17.02.2025	1.6	MGR	**Updates/changes:** • Updated feature set and compatibility matrix for version 2025.1.
18.12.2024	1.5	MGR	**Updates/changes:** • Updated Blackmagic Design DeckLink driver information.
14.10.2024	1.4	MGR	**Updates/changes:** • Updated feature set and compatibility matrix for macOS Sequoia Added Workflow Diagram
02.09.2024	1.3	MGR	**Updates/changes:** • Revised descriptions for better readability • Updated specifications and descriptions to reflect the current software release.
27.07.2024	1.2	MGR	**Updates/changes:** • Updated TOC Sections for better readability • Revised descriptions for better readability Updated specifications and descriptions to reflect the current software release.
12.09.2020	1.1	MGR	**Updates/changes:** • Updated TOC Sections for better readability • Revised descriptions for better readability
13.07.2020	1.0	MGR	**Initial Draft**

2 Product Description just:in mac pro 2025

2.1 Title:

ToolsOnAir **just:in mac pro 2025** - multichannel client-server-based capture solution for macOS.

2.2 SKU:

Licenses: JIM-1-LC, JIM-4-LC, JIM-8-LC

2.3 Ideal for:

- Multichannel client-server-based broadcast recording on macOS with support for SD/HD/UHD resolutions and SDI/HDMI/NDI®/SRT/UDP/ST-2110 input sources.
- Crash, Batch, and Schedule recordings with growing file support.
- Multicamera ISO recording with automatic EDL-to-XML conversion and automatic video/audio timeline alignment within Adobe Premiere Pro, Apple Final Cut Pro and DaVinci Resolve (v.18/19/20).
- Dual Instance recording (High-Res and Proxy) and XML metadata sidecar file creation.
- REST API based third-party integrations.

2.4 Description:

just:in mac pro 2025 is a macOS-based client-server multichannel capture solution to record SDI, HDMI, NDI®, SRT, UDP, ST-2110, VTR and multicamera sources using Crash, Batch, or Schedule recording modes. **As of version 2025.2 just:in mac pro is fully optimized to run on Apple silicon chipsets only.**

2.5 Concept:

Designed to fit seamlessly into any TV station or post-production facility, **just:in mac pro 2025** captures multiple video sources directly into industry-standard MOV, MXF OP1a, and MP4 containers with growing file support. The native support for professional codecs like ProRes, XDCAM HD 422, AVC-Intra, XAVC-Intra/LongGop, H.264, HEVC and DNxHD/HR, ensures maximum compatibility and effortless integration into your existing workflows. Whether you're working with baseband signals or IP streams, **just:in mac pro 2025** unites single- and multichannel recording in one powerful, flexible, and scalable client-server solution — purpose-built for modern media production environments.

2.6 Reliability & Flexibility:

just:in mac pro 2025 is built for 24/7 deployment and easily adapts to the shifting requirements of time-sensitive broadcast production environments. Featuring multiple destinations for either parallel recording or out-of-storage/network connection loss prevention scenarios, **just:in mac pro 2025** ensures that your recordings are compliant to broadcast standards, safe and secure. Customizable presets allow operators to quickly switch between commonly used setups. The ability to use two or more concurrent capture instances also makes **just:in mac pro 2025** the ideal capture solution for MAM integration, where High-Res and Proxy files can be generated at the same time and delivered as a logical package. It is also ideal for growing file editing in combination with industry standard NLEs such as Adobe Premiere Pro, Apple Final Cut Pro or DaVinci Resolve (please refer to NLE vendor codec/container compatibility list). Using the integrated XML writer engine, operators can customize XML exports by generating XML sidecar files with descriptive metadata to accompany MOV and MXF files. With the addition of Markers support for Adobe Premiere Pro, operators can log marker information while recording and have these markers automatically displayed in Adobe Premiere Pro's timeline for efficient post-production editing.

Finally, by using the **TOA REST API** to remotely control the **just:in mac pro 2025** solution, customers and system integrators gain the flexibility to integrate **just:in mac pro 2025** into existing media infrastructures with ease.

2.7 Product Deployment:

just:in mac pro 2025 is a true client-server capture solution for macOS. With the built-in video and audio previews and the single/multichannel control application, namely **Just Control**, the operator can control all available capture machines from a single interface. The deployment and configuration of the **just:in mac pro 2025** solution is straightforward and intuitive and consists of two applications, which can either be installed on a single machine or can get distributed on multiple macOS machines. **Version 2025 introduces the online license activation process to ease the deployment and license transfer.**

The applications are called:

- **Just In Engine.app**
- **Just Control.app**

and installed, via Drag-and Drop from the DMG package, in the specific "**Applications**" folder of the corresponding macOS system. Additionally, the **Just Control** application has a configuration panel ("**Just Control Configuration**"), which is used to perform all **Channel** and **Just In Engine**-related settings.

The **Just In Engine** application has access to the specific Video Hardware Devices (AJA / Blackmagic Design) and/or NDI®, SRT, UDP, ST-2110 format streams and is responsible for the encoding processes and for writing the video and metadata files to the chosen destination(s). Once started, it runs and works in the background, as all settings can be applied within the **Just Control** application. The **Just In Engine** application can be run on the same machine as the **Just Control** application or on a dedicated macOS machine.

The **Just Control** application is the versatile single/multichannel control application for both our capture and playout solutions. With built-in video and audio previews and a feature-aware inspector, the operator can control all available capture and playout channels from a single user interface.

The **Just Control Configuration** panel lists all connected **Just In Engines** and available **Channels** (=Inputs). Within this panel, the **Just In Engine** and **Channel** settings can be adjusted and all kinds of Presets (Capture, Destination, Naming, Metadata, Events) can be created and modified.

2.8 Key Features:

- Available as single or multichannel configurations with online license activation.
- Frame accurate Crash, Batch, Schedule as well as Split-While-Recording, Infinite Chunk recording functionality, Dynamic Folder Creation and Dropped Frames Strategy.
- Growing File Support in Adobe Premiere Pro, Final Cut Pro, DaVinci Resolve (refer to NLE Vendor codec/container compatibility).
- SDI, HDMI, NDI®, SRT, UDP, ST-2110 Input Sources support. HLS (HTTP Live Streaming) output.
- Broadcast Standard Format and Container Support (MOV, MXF, ARD/ZDF MXF, MP4).
- Timecode support for: Computer Time, VTR, LTC over Audio (USB device), Capture card LTC (AJA), SDI Embedded
- Multi-camera production support in combination with the built-in **live:cut** option.
- Closed Captioning and SCC Sidecar file support.
- Customizable end-of-recording based on timecode entry and support for external timecode sources.
- External Audio Source Processing and Bitfocus Companion integration.
- Support for post-recording actions using customizable shell scripts (e.g., FTP upload or MAM connections).
- Support for customizable XML Metadata (XML sidecar files) as well as native QuickTime metadata entries.
- Integrates with Iconik, HELMUT 4, medialoopster, projective Strawberry
- TOA REST API for remote control and third-party integration flexibility.

tools ON air

3 Technical Data (Supported Containers & Codecs):

3.1 AVFoundation QuickTime (PAL, NTSC, HD, UHD/4K):

- DV-PAL
- DVCPRO, DVCPRO50, DVCPRO HD
- XDCAM EX, XDCAM HD (35) XDCAM HD 422 (50)
- Apple ProRes 422, LT, Proxy, HQ
- Apple ProRes 4444 (with alpha)
- H.264
- HEVC (H.265)
- Supported frame rates: 23.976, 24, 25, 29.97, 30, 50, 59.94, 60

3.2 Classic QuickTime (HD, UHD):

- Apple ProRes 422, LT, Proxy, HQ
- Apple ProRes 4444 (with alpha)
- Supported frame rates: 23.976, 24, 25, 29.97, 30, 50, 59.94, 60
- Supports Growing Files editing within the MOV container in Adobe Premiere Pro

3.3 Harmonized QuickTime (HD, UHD):

- Apple ProRes 422, LT, Proxy, HQ
- Apple ProRes 4444 (with alpha)
- Supported frame rates: 23.976, 24, 25, 29.97, 30, 50, 59.94, 60
- Supports Growing Files editing within the MOV container in DaVinci Resolve 19/20

3.4 MXF (PAL, NTSC, HD, UHD/4K):

- DV-PAL
- DVCPRO, DVCPRO50, DVCPRO HD
- IMX 30/40/50
- Apple ProRes 422, LT, Proxy, HQ
- Apple ProRes 4444 (with alpha)
- XDCAM EX, XDCAM HD (35) XDCAM HD 422 (50)
- ARD/ZDF MXF (HDF01a/b and XDF-01)
- AVC-Intra 50M/100M
- XAVC-Intra 50M/100M/200M
- XAVC Long-Gop 422
- Avid DNxHD, DNxHR
- Supported frame rates: 23.976, 24, 25, 29.97, 30, 50, 59.94, 60
-

3.5 MP4 (PAL, NTSC, HD, UHD/4K):

- H.264
- H.265/HEVC
- Supported frame rates: 23.976, 24, 25, 29.97, 30, 50, 59.94, 60

4 System Requirements

- Apple Mac mini, iMac, Mac Studio, Mac Pro 2023 – **Apple silicon (M1-M4) only as of v.2025.2.**
- Apple macOS Sonoma, macOS Sequoia are recommended. macOS Tahoe has successfully passed verification.
- Support for AJA and Blackmagic Design ("BMD") video devices (SDI, HDMI, ST-2110-BMD)
- For detailed system requirements, please consult the online user manual or contact ToolsOnAir at https://support.toolsonair.com
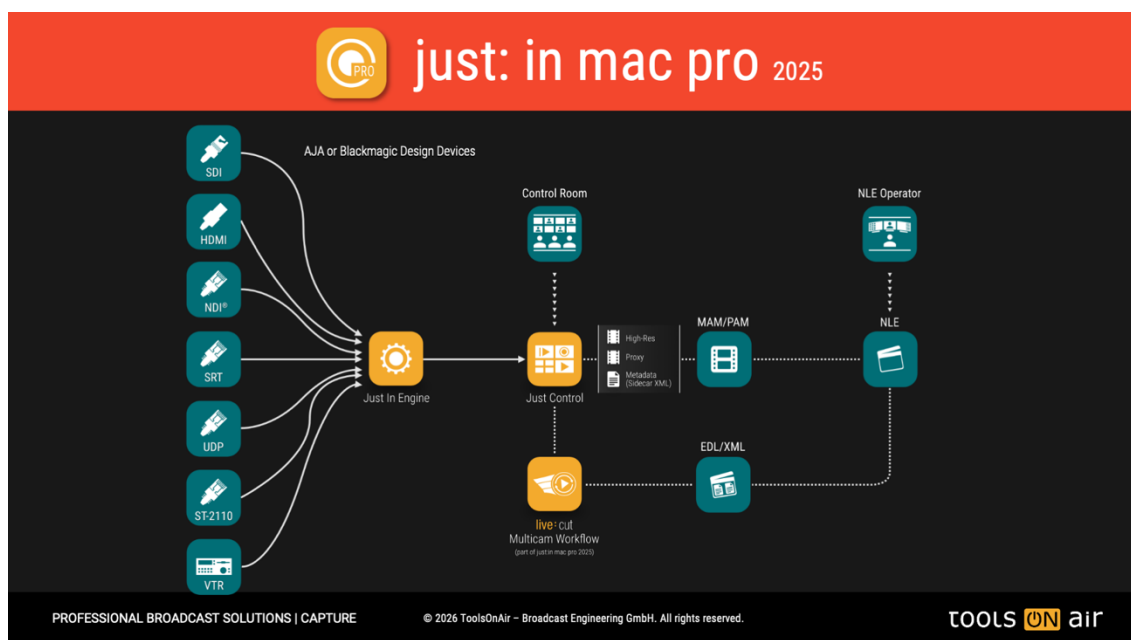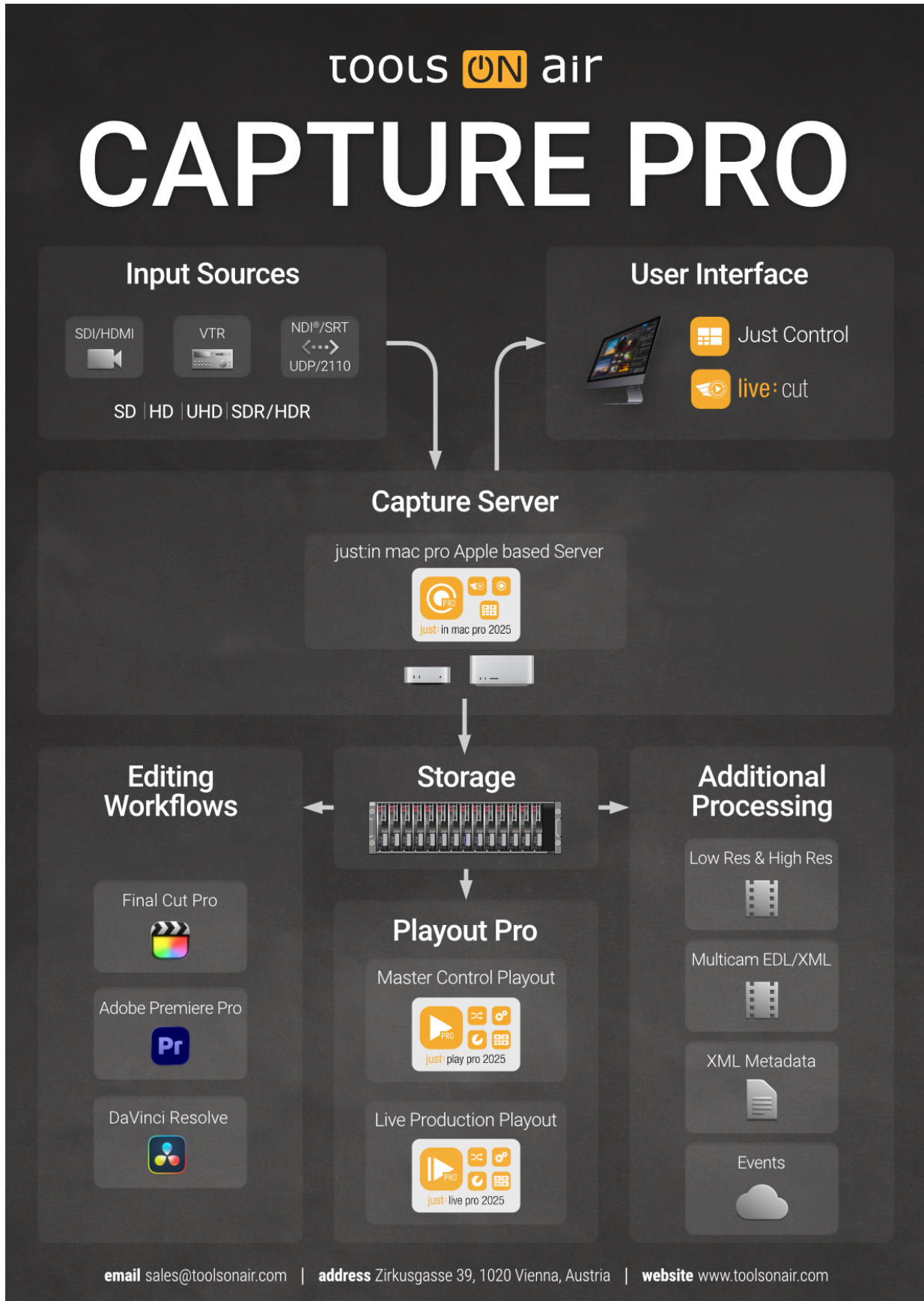
5 Compatibility Matrix

Version	macOS Tahoe (26.x)		macOS Sequoia (15.7.x)		macOS Sonoma (14.8.x)		macOS Ventura (13.7.x)	macOS Monterey (12.7.6)
	Apple silicon only		Apple silicon only		Apple silicon only		Please update to macOS Sonoma or higher for maximum compatibility!	Not avaiable. Please update to macOS Sonoma or higher!
2025.3	AJA	BMD	AJA	BMD	AJA	BMD		
	17.1.x	15.x	17.1.x	14.5	17.1.x	14.5		

Version	macOS Sequoia (15.6.x)		macOS Sonoma (14.7.x)		macOS Ventura (13.7.x)		macOS Monterey (12.7.6)	macOS Big Sur (11.7.10)
	Apple silicon only		Apple silicon only		Apple silicon only		Please update to macOS Sonoma or higher for maximum compatibility!	Not avaiable. Please update to macOS Sonoma or higher!
2025.2	AJA	BMD	AJA	BMD	AJA	BMD		
	17.1.x	14.5	17.1.x	14.5	17.1.x	14.4.x		

Version	macOS Sequoia (15.4.x)		macOS Sonoma (14.6.x)		macOS Ventura (13.7.x)		macOS Monterey (12.7.6)	macOS Big Sur (11.7.10)
	Apple silicon preferred		Intel / Apple silicon		Intel / Apple silicon		Please update to macOS Sonoma or higher for maximum compatibility!	Not avaiable. Please update to macOS Sonoma or higher!
2025.1	AJA	BMD	AJA	BMD	AJA	BMD		
	17.1.x	14.5	17.1.x	14.5	17.1.x	14.4.x		

Version	macOS Sequoia (15.3.x)		macOS Sonoma (14.7.x)		macOS Ventura (13.7.x)		macOS Monterey (12.7.6)		macOS Big Sur (11.7.10)
	Apple silicon preferred		Intel / Apple silicon		Intel / Apple silicon		Intel / Apple silicon		Not avaiable.
6.5	AJA	BMD	AJA	BMD	AJA	BMD	AJA	BMD	
	17.1.x	14.2.1	17.1.x	14.2.1	17.1.x	12.9	17.1.x	12.7.x	

Legend: BMD = Blackmagic Design, Not available: version not available or incompatible with the displayed macOS version. All driver versions displayed are the recommended/tested versions.
NOTE: All updates and upgrades mentioned are available to customers with an active support and software maintenance contract. To renew your maintenance contract, please contact sales@toolsonair.com

6 Workflow Diagram

7 Workflow Overview:

8 Related links and additional information:

ToolsOnAir Solutions Overview: https://www.toolsonair.com/files/TOA/Whitepapers/TOAOverview2025.pdf

just:in mac pro 2025 Landing Page: https://www.toolsonair.com/products/just-in-mac-recording.html

just:in mac pro 2025 Datasheet: https://www.toolsonair.com/files/TOA/Whitepapers/datasheet_jimpro2025.pdf

just:in mac pro 2025 Manuals: just:in mac v.2025.3

just:in mac pro 2025 Tutorial Videos: https://www.youtube.com/playlist?list=PLicnJKzn2pLJXjwC7788bNzi1tP_t_SzX