Pro Tools | HDX

The fastest, best sounding, most powerful DAW in the world

As a dedicated professional, you're looking for faster, higher quality, and easier ways to record, edit, and mix the most demanding productions. Meet the more powerful, new generation of Pro Tools® | HD—Pro Tools | HDX. Get more tracks, more headroom, and up to 5x more dedicated DSP power to tackle even the most massive music and post-production projects with the confidence that comes with guaranteed performance.

Feature highlights

- Unleash your creativity with up to 5x more power per card than Pro Tools | HD Accel

- Mix bigger, better mixes faster with 256 tracks (up to 768) and double the I/O per card, plus 4x more ADC

- Get higher resolution sound and more headroom with the floating-point architecture

- Compose, record, sequence, edit, and mix with the award-winning Pro Tools | HD Software toolset

- Capture and reproduce audio with pristine clarity using Pro Tools | HD Series interfaces

- Get a highly responsive feel—even in your most complex projects—with RAM-cached record/playback and real-time fades

- Work faster with pro-level tools, including Clip Gain, advanced audio editing and automation, video editing, surround sound, and more

- Get the renowned sound of System 5 console EQ and dynamics with the Channel Strip plug-in

- Increase your power and track counts by simply adding additional cards

- Supports the AAX plug-in format for better workflows and sound parity with native systems

Mix bigger, better projects

With Pro Tools | HDX, you get up to 5x more power per card than Pro Tools | HD Accel, so you can focus on your mix—not your mixer. Create bigger, more complex mixes with 4x more tracks (up to 768 voices with three cards). Double your ins and outs with up to 64 channels of I/O per card (up to 256 total). And handle large plug-in-heavy mixes easily with 4x more Automatic Delay Compensation.

Get more headroom—less headaches

Pro Tools | HDX uses floating-point calculations for plug-in processing and mixing, enabling you to achieve the best sound quality possible, with the least effort. Record and mix in higher resolution—up to 32-bit, 192 kHz audio—and significantly greater dynamic range. And let your mixes breathe with increased headroom, eliminating clipping and obsessive gain staging.

The fastest workflows—yours

Go from composition to completion at the speed of your creativity with powerful 64-bit performance. Play and edit HD video right in your Pro Tools timeline—without transcoding. Work with advanced audio, video, and automation tools that streamline music and post production. Get highly responsive recording and playback performance with the extended disk cache, which loads your entire session into RAM. Sync and control up to 12 Pro Tools | HD systems from one with Pro Tools | Satellite Link, now included with Pro Tools | HD Software. And collaborate easily with other audio and video creators through OMF®/AAF/MXF file interchange.

It's all about the sound

There's a reason why more professionals trust the sound of Pro Tools than with any other DAW. Now get even higher audio fidelity, greater dynamic range, and pristine audio clarity with Pro Tools | HDX, which includes Pro Tools | HD Software and your choice of Pro Tools | HD Series interface. Create richer sounding, more complex mixes with the all-new Avid Audio Engine in Pro Tools. Mix with an extended selection of built-in metering standards. Plus, with over 75 high-quality virtual instruments and sound processing plug-ins included, you can create great-sounding music and mixes easily.

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Specifications

Supported channels/tracks (per card, except where noted)	
Maximum audio tracks @ 48/96/192 kHz	Single card: 256/128/64 Three cards: 768/384/192 (max.)
Maximum stereo audio tracks @ 48 / 96 / 192 kHz	Single card: 128/64/32 Three cards: 384/192/96 (max.)
Simultaneous record tracks	256
Total instrument tracks	128
Total MIDI tracks	512
Total auxiliary tracks	512
Busses	256
Maximum channels of I/O	64 (up to 256 total)
General	
Host card	1 (PCIe)
DSP power	18 x 350 MHz processors (T1)
Mixer resolution	64-bit floating point
Processing resolution	32-bit floating point
ASIO/Core Audio streams	64
Automatic Delay Compensation (ADC)	16k @ 48 kHz
Supported plug-in formats	AAX DSP, AAX Native, AudioSuite
Surround mixer	Up to 7.1
Supported Interfaces	
Avid	Pro Tools	HD I/O Pro Tools	HD OMNI Pro Tools	HD MADI Pro Tools	PRE™ Pro Tools	SYNC HD™
Third party	ASIO- or Core Audio-compatible interfaces
Supported consoles and control surfaces	
Avid	Artist Control Artist Mix Artist Transport C	24™ ICON D-Command® ES ICON D-Control™ ES Pro Tools	S6 MC Pro S5 Fusion System 5 System 5-MC
Third party	Any analog or digital console or control surface that supports the HUI protocol
Extended Avid workflows	
Video and media integration	Interplay®	Production ISIS® Pro Tools	Video Satellite
Remote control	Pro Tools	Machine Control Pro Tools	Satellite Link

WHAT'S INCLUDED

- Pro Tools | HDX PCIe card
- Your choice of Pro Tools | HD Series interface
- Pro Tools | HD Software activation card—all software requires download, including:
  - Pro Tools | HD Software
  - Bundled virtual instruments, sound processing, and utility plug-ins
- User guides
- iLok 2 USB key (preauthorized for software use)
- Registration card
- 12-foot DigiLink™ Mini cable for Pro Tools | HD Series interface connection

SYSTEM REQUIREMENTS

- Avid-qualified PCIe-equipped Mac or PC
- Mac OS X 10.8.4 or higher, or Windows 7/8
- 8 GB of RAM (16 GB or more recommended)
- Minimum 15 GB free hard disk space for Pro Tools installation
- USB port for iLok (plus, Internet connection for software download)

For more information, visit **www.avid.com/protoolshdx**

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