

A Brief Summary of Post- Processing Software by Dave Whiting

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A good explanation of the benefits of RAW vs JPEG format can be found at <https://www.skyephotoacademy.com/blog/why-shoot-raw>

A summary and review of features of the most popular post-processing software was published on the PhotographyLife website in May 2020. It is still very current and is an excellent supplement to the information below. It can be found at <https://photographylife.com/best-non-destructive-editing-software-for-photography>

FREE SOFTWARE					
ViewNX-1	Nikon Raw Format	Free Download	https://downloadcenter.nikonimglib.com/en/index.html	Basic suite of File management tools	Basic suite of editing tools
Comments			Help information available at https://nikonimglib.com/nvnx1/onlinehelp/en/intro001000.html		
Capture NX-D	Nikon Raw Format	Free Download	https://downloadcenter.nikonimglib.com/en/index.html		More editing features than ViewNX-1
Comments			Help information and pdf manual available at https://nikonimglib.com/ncnxd/onlinehelp/en/index.html		
Digital Photo Professional (DPP)	Canon Raw Format	Free Download	Windows version https://canoncanada.custhelp.com/app/answers/answer_view/a_id/1033242/~/_/digital-photo-professional-4.12.20-for-windows Mac version https://canoncanada.custhelp.com/app/answers/answer_view/a_id/1013721/~/_/digital-photo-professional-4.9.20-for-mac-os-x	Basic suite of File management tools	Moderate suite of editing tools

Photos	All Raw Formats		<ul style="list-style-type: none"> Part of Mac Operating System 	Basic suite of File management tools	Moderate suite of editing tools
Comments			<ul style="list-style-type: none"> Many third-party plug-ins are available through the App Store Good Help and Tutorials in app An excellent starting point in post-editing if you own a Mac 		

Capture One Express for Sony	Sony Raw Format	Free Download	https://www.captureone.com/en/account/download/capture-one-express-for-https://www.captureone.com/en/products-plans/capture-one-express?gclid=Cj0KCQiAvP6ABhCjARIsAH37rbQwXCW32ODa8huKzl8o7Jc4Dg6_O-OkAy46bniNdvWZytC736XZTlAaAoVHEALw_wcB	Basic suite of File management tools	Basic suite of editing tools
Capture One Express for Fujifilm	Fujifilm	Free Download	https://www.captureone.com/en/account/download/capture-one-express-for-fujifilm	Basic suite of File management tools	Basic suite of editing tools
Olympus Workspace	Olympus	Free Download	https://app.olympus-imaging.com/olympusworkspace/en/	Basic suite of File management tools	Basic suite of editing tools
GIMP	All Raw Formats	free	https://www.gimp.org		Advanced suite of editing tools
Comments			GNU Image Manipulation Program is a open-source, advanced program used by graphic designers, photographers, illustrators, and scientists.		

\$\$\$ SOFTWARE (free trials available for most brands)

Capture One Pro	All Raw Formats	Monthly subscription \$28.00 Perpetual Licence \$429	https://www.captureone.com/en/products-plans/single-user	Advanced suite of file management tools	Advanced suite of editing tools
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DxO Photolab 4 Essentials	All Raw Formats	Lifetime Licence \$129	https://www.dxo.com/dxo-photolab/pricing/	Moderate suite of file management tools	Moderate suite of editing tools
DxO Photolab 4 Elite	All Raw Formats	Lifetime Licence \$199	https://www.dxo.com/dxo-photolab/pricing/	Moderate suite of file management tools	Advanced suite of editing tools
Comments		<ul style="list-style-type: none"> Has an “open” file management system Can be used as a “plug-in” in Lightroom Classic Online tutorials at 			

Luminar 4	All Raw Formats	Lifetime Licence \$89 CDN	https://skylum.com/luminar	Moderate suite of file management tools	Moderate suite of editing tools
Comments		<ul style="list-style-type: none"> Has an “open” file management system Can be used as a stand alone program or as a “plug-in” in Lightroom Classic, Photoshop, Photoshop Elements and Photos 			

Luminar AI	All Raw Formats	Lifetime Licence \$139 CDN	https://skylum.com/luminar-ai-b	Moderate suite of file management tools	Editing tools utilize Artificial Intelligence (AI)
Comments		<p>Luminar AI can be used as a stand-alone or as a “plug-in” for:</p> <ul style="list-style-type: none"> Lightroom Classic (starting from version 6) Photoshop (from version CS5) Photos for macOS 			

Affinity Photo	All Raw Formats	\$69.99 CDN	https://affinity.serif.com/en-gb/photo/		Advanced suite of editing tools
			<ul style="list-style-type: none"> • Mac, PC and iPad • Can be a plug-in within Apple Photos, Nik tools can be a plug-in within Affinity • good free instruction https://www.youtube.com/playlist?list=PLlIFqBuTM0WI8Pt47wBcg25gcYRufEnY8 • a good program for beginners, particularly for users who may want to move to Adobe Lightroom and Photoshop in the future • Affinity does not include a file manager. Consider using a free file manager like Adobe Bridge (you will need an Adobe account) or XnView MP. https://www.xnview.com/en/ • Here is a video with further info on file management software. https://www.youtube.com/watch?v=j6LCXWpyaIo 		

Adobe Photoshop	All Raw Formats	20 GB Photography Plan Subscription \$12.99 CDN/mo	https://www.adobe.com/ca/creativecloud/photography.html?promoid=GMCWYDH2&mv=other The Adobe Creative Cloud Photography Plan contains a number of programs that can work together. Lightroom Classic and Photoshop are the two programs mainly used by photographers and are the industry standard. Subscribers receive frequent updates to the software that continues to evolve.		An extensive suite of advanced editing and graphics tools
Adobe Lightroom Classic	All Raw Formats		There are many presets, extensions and plugins available for the programs from third parties. In addition, many of the editing programs in this document can act as a “plug-in” within the Adobe program.	An advanced suite of file management tools	A large suite of photo editing tools
Comments - Photoshop			Recommended (Dave Whiting) learning resources: 1. Photoshop 2021 Essentials Training with Julianne Kost – This course consists of a total of 3 hrs 31 minutes of video instruction and comes with associated exercise images so that you can practice step by step. This course, as well as many others, are available online and for free through the TNRD Library website. Look for the link to Lynda.com link on the library website at https://www.tnrl.ca You will need a library card to access this great learning resource. 2. 10 Steps for Getting Started in Photoshop by Sean Bagshaw - This is a short course (about 1 hr) that helps you get Photoshop installed and get you started using the software. Based on your experience with this video, you may want to purchase other courses from Sean or visit his		

			YouTube channel. Sean was an educator before he started his photography business. I find his instructional videos excellent. Here is a link on his website to the free course. https://www.outdoorexposurephoto.com/10-steps-to-getting-started-with-photoshop/		
Comments - Lightroom			Recommended (Dave Whiting) learning resources: <ol style="list-style-type: none">1. Steve Perry is an excellent instructor for wildlife photography using the Nikon system. He has also produced an excellent video course on how to effectively use the Library panel in Lightroom called BCG Lightroom Course 1: The Library Module, File Handling, Importing. Although it cost me \$28.00 US, I think it was excellent value. Information on the videos can be found at https://bcgwebstore.com/product/bcg-lightroom-course-1-the-library-module-file-handling-importing/2. Lightroom Classic Essential Training with Theresa Jackson - This course consists of a total of 3 hrs 43 minutes of video instruction and comes with associated exercise images so that you can practice step by step. This course, as well as many others, are available online and for free through the TNRD Library website. Look for the link to Lynda.com link on the library website at https://www.tnrl.ca You will need a library card to access this great learning resource.3. Post Processing Tips in PhotographyLife.com (Thanks Valerie!) The vast majority of these articles and videos are tips associated with Lightroom and Photoshop. They can be found at https://photographylife.com/post-processing-tips-for-beginners		
TK7 Panel	An Extension for Photoshop		Photoshop is a massive program that supports all kinds of visual artists including photographers https://goodlight.us/index.html Tony Kuyper has developed extensions that install within Photoshop panels of buttons that automate complex Photoshop techniques that are used by photographers such as quickly generating luminosity masks. They can be purchased for \$29 USD. Sean Bagshaw (see Photoshop comments) has partnered with Tony Kuyper and has made a video course for the TK7 panel. Both products can be bought together for \$49 USD		
Adobe Photoshop Elements 2021	All Raw Formats	\$89.99	https://www.adobe.com/ca/products/photoshop-elements/buying-guide.html	Moderate suite of file management tools	Moderate suite of editing tools
Comments – Photoshop Elements			Learning Photoshop Elements 2018 with Chad Chelios – This beginner course consists of a total of 6 hrs 23 minutes of video instruction and comes with associated exercise images so that you can practice step by step. This course, as well as many others, are available online and for free through the Lynda.com link on the TNRD Library website at https://www.tnrl.ca		

Nik Collection	Plug-Ins for Lightroom, Affinity, Photoshop,	https://nikcollection.dxo.com			
Comments – Nik Collection		NIK 2018 Software Essential Training by Tim Grey – This beginner course consists of a total of 2 hrs 59 minutes of video instruction. This course, as well as many others, are available online and for free through the TNRD Library website. Look for the link to Lynda.com link on the library website at https://www.tnrl.ca			
ACDSEE Photo Studio	All Raw Formats	Ultimate \$109.95 Professional \$79.95 Home \$49.95	https://www.acdsee.com/en/product-comparison/ Windows only	Moderate suite of file management tools	See product comparison on website
ON1 Photo Raw 2021	All	\$132.05	https://www.on1.com/products/photo-raw/	Moderate suite of file management tools	Moderate suite of editing tools
Topaz DeNoise AI Topaz Sharpen AI	All Raw Formats	\$59.99 \$79.99	Utilities to reduce noise and to sharpen photos as part of the post-editing workflow. https://topazlabs.com/shop/		
Pixelmator Pro 2.0	All Raw Formats	\$59.95	https://www.pixelmator.com/pro/ Mac Only A graphics program that includes photo editing. Works in conjunction with the Photos library and program already on the Mac	Uses the library function of Photos	Moderate suite of editing tools
Comments		Highly reviewed on the App Store			

Other ideas welcome here! Update document and send it back to dave.whiting@me.com