

DIY Windows PC build list for Resolve 11 editing/grading 4K UHD in a 1080p timeline				
ITEM	Buy?	Description	Approx. \$	Notes
Motherboard	√	GIGABYTE GA-X99-UD4 LGA 2011-v3 Intel X99 SATA 6Gb/s USB 3.0 ATX	\$240	Can fit dual 2.5 slot GPUs + 1 slot
CPU	√	Intel Core i7-5930K Haswell-E 6-Core 3.5GHz LGA 2011-v3 140W #BX80648175930K	\$560	40-lanes for dual GPU support
CPU cooler	√	Cooler Master Hyper 212 EVO - CPU Cooler w. 120 mm PWM Fan	\$35	
Memory	√	16GB (4 x 4GB) 288-Pin SDRAM DDR4 2133 (PC4-17000)	\$200	
GPU	√	Sapphire Radeon VAPOR-X R9 290X 8GB GDDR5 TRI-X PCI-E 11226-11-40G [2.5 slot]	\$480	
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Power supply	√	EVGA SuperNOVA 1300w ATX12V v2.31/EPS 12V v2.91 SLI Ready CrossFire	\$155	
System disk	Already own	SSD: 240GB	\$0	For OS & applications only.
RAID-0 disk-0	√	SSD: SanDisk Extreme Pro 960GB SATA 6GB/s 2.5" 7mm[H] #SDSSDXPS-960G-G25	\$490	For active Resolve projects
RAID-0 disk-1	√	SSD: SanDisk Extreme Pro 960GB SATA 6GB/s 2.5" 7mm[H] #SDSSDXPS-960G-G25	\$490	"
2.5" Trayless bay	√	StarTech Dual 2.5" Trayless Hot Swap SATA-3 Backplane for 3.5" HDD bay #HSB220SAT25B	\$40	[for RAID SSDs]
Bezel adapter	√	StarTech 5.25" to 3.5" Front Bay Bracket Adapter w. bezel #BRACKETFDBK	\$5	[for RAID SSDs]
Drive dock	Already own	NewerTech, Voyager Q, USB-3 drive dock (swap 2.5" & 3.5" disks in/out)	\$0	For camera SSDs & backup disks
3.5" Trayless bay	Already own	Kingwin 3.5" internal SATA-3 Hot Swap Rack w. Key Lock #KF-1000-BK	\$0	For backup & archive disks
3.5" Trayless bay	Already own	Kingwin 3.5" internal SATA-3 Hot Swap Rack w. Key Lock #KF-1000-BK	\$0	For backup & archive disks
Data disk	Already own	HDD: Seagate 3TB 7200rpm SATA-6 bare 3.5" #ST3000DM001	\$0	For misc. data storage
Case	√	Antec P280 Black Aluminum/Steel Super Mid Tower ATX	\$105	
Windows 8.1 Pro	√	Full version (not upgrade)	\$200	
Monitor	Already own	21" 1920 x 1080 HDTV HDMI	\$0	Later: Add 2nd or bigger monitor?
DVD-RW drive	Already own	DVD-RW in external case, USB-2 (install software & occasionally burn DVDs)	\$0	
Keyboard	Already own	generic USB-2	\$0	
Mouse	Already own	generic USB-2	\$0	
TOTAL:			\$3,480	Revision: 9