This is a helpful laptop searcher for people in the EU/UK.

		Specification					Price and Reviews			Compatibility				
Manufacturer	Laptops With Thunderbolt 3	Connector [1]	Graphics Card (Mobile unless stated) [2]	Type	Screen Size	CPU Brand (M, Y, U, HQ, H, HK, Desktop) [3]	Price - Amazon or Manufacturer	Review Link (notebookcheck)		Alleged Support	Asus XG Station 2	Razer Core	Akitio Node	HP Omen Accelerator	Powercolour Devilbox
Acer															
HP	EliteBook Folio G1	2 x TB3 @x4 [4]			12.5	M	,	Review							
Dell	Precision 15 3510	TB3 @x4 [5]		Business	15.6	SKY-U	1000USD+ Dell	3510 (HD)							
Acer	Travel Mate P648/9	TB3		Business			1085USD (Amazon)	Review							
Lenovo	Thinkpad T570	TB3 x4 3.0 [6]	GTX 940MX	Business	15.6	KBY-U	1099USD (Lenovo)		Platform Specification						
Lenovo	ThinkPad T470s	TB3	HD	Business	14	KBY-U	1149USD (Lenovo)	Review	Platform Specification						
Dell	XPS 13 (Late 2017 / 9360) [7]	TB3 @x2 [8]	UHD 620 [9]	Ultrabook	13.3	8th Gen	1149USD+ (Dell)		QHD Review						
HP	Spectre 13.3 (only select Skylake models)	2 x TB3 @x4 [10]			13.3	SKY-U	1170USD+	Review							
HP		2 x TB3 @x4 [11]		2 in 1	13.3	KBY-U	1170USD+			✔				✔	
HP	Spectre x360 13.3 13-aeo80tu (all Cfe Lke mdls	2 x TB3 @x4 [12]	Quadro K4000	2 in 1	13.3	CFE-U	1769USD+							✔	
Dell	Alienware 15 R2 ✔	TB3 + GA [13]	GTX 970M+	Gaming	15.6	SKY-HQ/HK	1199USD+ Dell	Review		✔ (not just through TB3)					
Lenovo	ThinkPad Yoga 370	TB3	HD	Business	13.3	KBY-U	1264USD (Lenovo)		Platform Specification						
Lenovo	Yoga 920	2 x TB3 @x4 [14]	HD	2 in 1	13.9	8th Gen	1299USD (Lenovo)								
MSI	GT72 (Desktop Replacement)	TB3		Gaming	17.3	SKY-HK	1300USD								
Lenovo	Legion Y720	TB3	GTX 1060	Gaming	15.6	KBY-HQ	1399USD								
Lenovo	Miix 720 (5 Pro, hover to see note) [15]	TB3	HD	Convertible	12	KBY-U	1400USD (Lenovo)	Review				✔	✔		
Asus	Zenbook UX501VW✔	TB3	GTX 960M	Multimedia	15.6	SKY-HQ	1450USD (Amazon)	Review				✔			
Dell	Alienware 17 R3 ✔	TB3 + GA [16]	GTX 970M+	Gaming	17.3	SKY-HQ/HK	1499USD+ Dell			✔ (not just through TB3)					
HP	Spectre x360 15 (Kaby Lake)	TB3	GTX 940M		15.6	KBY-U	1500USD	Review					✔		
Acer	Predator 17 G9-971	TB3	GTX 970M+	Gaming	17.3	SKY-HQ	1500USD+ (Amazon)	Review							
Acer	Predator 15 G9-951	TB3	GTX 970M+	Gaming	15.6	SKY-HQ	1500USD+ (Amazon)	Review							
Asus	G752VT	TB3		Gaming	17.3	SKY-HQ	1599USD (Asus)	Review							
MSI	GS63VR 6RF	TB3	GTX 1060		15.6	SKY-HQ	1600USD					✔			
Dell	Precision 15 7520	TB3 @x4		Business	17.3	SKY-HQ/HK	1699USD+ (Dell)								
HP	ZBook Studio G3	2 x TB3 @x4 [17]		Business	15.6		1700USD+	Review							
MSI	GS63VR 7RF	TB3 x4	GTX 1060			KBY-HQ	1800USD								
Lenovo	Thinkpad X1 Yoga (2017)	TB3	HD	Multimedia	14	KBY-U	1869USD (Lenovo)								
Gigabyte	Aero 15W	TB3	GTX 1060	Gaming	15	KBY-HQ	1900+ USD	Review (FHD)							
Razer	Blade 14 (2016) ✔	TB3	GTX 1060(M)	Gaming	14	SKY-HQ	1999USD	Review		✔		✔			
Dell	XPS 13 (Late 2015 / 9350)✔	TB3 @x2 [18]	HD 520/Iris 540	Ultrabook	13.3	SKY-U	749USD+ (Dell)	FHD/i7 Review	QHD+/i7 Review	✔			✔		
Dell	Alienware 13 R2 ✔	TB3 + GA [19]	GTX 960M+	Gaming	13.3	SKY-U	899USD+ Dell			✔ (not just through TB3)					
Lenovo	Thinkpad X1 Carbon (2017)	2 x TB3 @x4 [20]		Business	14	KBY-U	909USD (Lenovo)	Review	Platform Specification						
Lenovo	ThinkPad T470	TB3	GTX 940MX	Business	14	KBY-U	914USD (Lenovo)	Review	Platform Specification						
Acer	Aspire Switch 12 S	LPTB3 [21]		Tablet	12	SKY-M	999+USD			✔					
Razer	Blade Stealth ✔	TB3	HD 520	Ultrabook	12.5	U	999USD			✔		✔			
Acer	Aspire V17 Nitro Edition VN7-792G	TB3	GTX 960M	Multimedia	17.3		999USD+ (Amazon)	Review							
Acer	Aspire V15 Nitro (Black) VN7-592G✔	TB3	GTX 960M	Multimedia	15.6	SKY-HQ	999USD+ (Amazon)	Review							✔
Dell	XPS 12 (Late 2015)✔	2 x TB3 @x4	HD 515	Tablet	12	SKY-M	999USD+ (Dell)	Review (4K)		✔					
Dell	XPS 15 (Early 2017 / 9560)	TB3 @x2	HD or GTX 1050	Ultrabook	15.6	KBY-HQ	999USD+ (Dell)	i5/FHD/56Whr	i7 UHD 97Wh [22]						
Dell	XPS 15 (Late 2015 / 9550)✔	TB3 @x2 [23]	GTX 960M	Ultrabook	15.6	SKY-HQ	999USD+ (Dell)	i7/FHD/84Whr	i7 UHD 84Wh	✔		✔			
Acer	Aspire R 13 (R7-372T)	TB3		2 in 1	13.3	SKY-U		Review							
Acer	Predator 17 G9-973	TB3	GTX 1070	Gaming	17.3	SKY-HQ		Review							
Acer	Travel Mate P624	TB3		Business											
Aorus	Aorus														
Aorus	X5 v7	TB3	GTX 1070 (D)	Gaming	15.6	KBY-HK									
Aorus	X7 DT v7 / X7 v7	TB3	GTX 1070/1080 (D)	Gaming	17.3	KBY-HK									
Apple	Apple														
Apple	Macbook Pro 13 (2016)	TB3 x4		Ultrabook	13	SKY-U		Touch Bar	No Touch Bar						
Apple	Macbook Pro 15 (2016)	TB3 x4 [24]	Radeon Pro 45X [25	Ultrabook	15	SKY-HQ		Review (Touch Bar)							
Asus	Asus														
Asus	ROG G501JW	TB3		Gaming	15.6	SKY-HQ									
Asus	ROG GX700	TB3		Gaming		SKY-HQ		Review							
Asus	G501VW (Select Versions Only)	TB3	GTX 960M	Gaming	15.6	SKY-HQ		Review							
Asus	GL702VM	TB3	GTX 1060	Gaming	17.3	SHY-HQ		Review							
Asus	Transformer 3 Pro	TB3		2 in 1	12.6							✔			
Clevo	Clevo														
Clevo	N131BU	TB3	HD		13.3	KBY-U									
Clevo	N131WU	TB3 @x4	UHD 620	Ultrabook	13.3	KLR-U									
Clevo	P750DM	TB3	[26]			Desktop									
Clevo	P770DM	TB3	[27]			Desktop									
Clevo	P751DM	TB3	[28]			Desktop		Review							
Clevo	P771DM	TB3	[29]			Desktop		Review							
Clevo	P775DM	TB3	[30]			Desktop		Review							
Clevo	P870DM	TB3	[31]		17.3	Desktop		Review		✔					
Dell	Dell [32]														
Dell	XPS 13 (Late 2016 / 9360)	TB3 @x2 [33]	HD 620	Ultrabook	13.3	KBY-U		FHD/i5 Review	QHD+/i7 Review						
Dell	XPS 13 2-in-1 9365	TB3 @x4	HD 620	Ultrabook	13.3	KBY-M									
MSI	GS43VR	TB3 x4						Review				✔			
Dell	Precision 15 3520	TB3 @x4 [34]													
Dell	Precision 15 5510	TB3 @x2 [35]		Business	15.6	SKY-HQ		5510 (UHD)							
Dell	Precision 15 5520	TB3 @x2 [36]													
Dell	Precision 15 7510	TB3 @x4		Business	15.6	SKY-HQ/HK		7510 (4K)					✔		
Dell	Precision 17 7710	TB3 @x4													
Dell	Precision 17 7710	TB3 @x4													
Dell	Alienware 13 R1	GA [37]		Gaming		HAS-U									
Dell	Alienware 15 R1	GA [38]		Gaming		HAS-HQ									
Dell	Alienware 17 R2	GA [39]		Gaming		HAS-HQ									
Dell	Alienware 13 R3 Pascal	TB3 + GA [40]	GTX 1050/60	Gaming		SKY/KBY-HQ		Review							
Dell	Alienware 15 (Pascal) ✔ [41]	TB3 + GA [42]	GTX 1060/70 [43]	Gaming		SKY/KBY-HQ/HK									
Dell	Alienware 17 (Pascal) ✔ [44]	TB3 + GA [45]	GTX 1060/70/80 [46]	Gaming		SKY/KBY-HQ/HK		Review							
Dell	Latitude 5480	TB3 @x4	HD	Business	14	KBY-U/HQ									
Dell	Latitude 5570	TB3 @x4 [47]		Business	15.6	KBY-U/HQ									
Dell	Latitude 5580	TB3 @x4		Business	15.6	KBY-U/HQ									
Dell	Latitude 7275	2 x TB3 @x4 [48]		Business	12	Core M									
Dell	Latitude 7280	TB3 @x4 [49]		Business	12	KBY U									
Dell	Latitude 7370	2 x TB3 @x4 [50]		Business		Core M									
Dell	Latitude 7480	TB3 @x4 [51]		Business	14	KBY U									
Dell	Inspiron 7577	TB3	GTX 1060M		15	KBY-HQ									
Gigabyte	Gigabyte														
Gigabyte	Aero 14	TB3													
Gigabyte	Aero 15	TB3										✔			
Gigabyte	Aero 15X											✔			
Gigabyte	P56XT	TB3													
HP	HP														
HP	ZBook 15 G3	2 x TB3 @x4 [52]						Review							
HP	ZBook 15 G4														
HP	ZBook Studio G4														
HP	ZBook 17 G4														
HP	Elite x2	TB3			12	M		Review							
HP	EliteBook x360	TB3				KBY-U									
HP	Spectre x360 15	TB3	940MX		15.6	KBY-U									
Lenovo	Lenovo														
Lenovo	Thinkpad P50	TB3 [53]	Quadro M1000M	Business	15.6	SKY-HQ		Review	Platform Specification						
Lenovo	Thinkpad P51	TB3			15.6	KBY-HQ									
Lenovo	Thinkpad P51s	TB3			15.6	KBY-?									
Lenovo	Thinkpad P70	2 x TB3 @x4 [54]		Business	17.3	SKY-HQ		Review	Platform Specification						
Lenovo	Thinkpad P71	2 x TB3 @x4 [55]			17.3	KBY-HQ									
Lenovo	IdeaPad Y900	TB3		Gaming	17.3	SKY-HQ or Better		Review							
MSI	GS73VR	TB3	GTX 1060	Gaming	17.3	SKY-HQ		Review		✔	✔	✔			
MSI	MSI									It looks like MSI have left eGPU support open! No locked into specific eGPU solutions here [56]					
MSI	GS30	x16 Slot [57]	HD		13.3	BRL-HQ [58]									
MSI	WS60	TB3	Quadro M600M	Business	15.6	SKY-HQ / Xeon									
MSI	WT73	TB3	Quadro P5000	Business	17.3	KBY-HQ/HK / Xeon									
MSI	GT72VR	TB3	GTX 1070	Gaming	17.3	SKY-HQ		Review							
MSI	GT62VR Dominator Pro		GTX 1070	Gaming	15.6	SKY-HQ		Review							
MSI	GT62	TB3		Gaming											
MSI	GT72S	TB3		Gaming	17.3	SKY-HK		Review							
MSI	GT80	TB3		Gaming											
MSI	GT80S 6QF Titan SLI	TB3		Gaming				Review							
MSI	GS60 6QE/6QD/6QC	TB3		Gaming		SKY-HQ									
MSI	GS63VR 7RE														
HP	Spectre x360 13 (Kaby Lake)	TB3 [59]			13.3	KBY-U		Review				✔			
MSI	GS73VR 7RE		GTX 1050 Ti												
MSI	GT72VR	TB3	GTX 1070	Gaming	17.3	SKY-HQ		Review							

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		Specification					Price and Reviews			Compatibility				
Manufacturer	Laptops With Thunderbolt 3	Connector [1]	Graphics Card (Mobile unless stated) [2]	Type	Screen Size	CPU Brand (M, Y, U, HQ, H, HK, Desktop) [3]	Price - Amazon or Manufacturer	Review Link (notebookcheck)	Alleged Support	Asus XG Station 2	Razer Core	Akitio Node	HP Omen Accelerator	Powercolour Devilbox
Acer														
MSI	GT73VR 7RF	TB3	GTX 1080	Gaming		KBY-HK								
MSI	PS60	TB3												
Razer	Razer													
Razer	Blade Pro	TB3	GTX 1080(Full) [60]	Gaming	17.3									
Samsung	Samsung													
Samsung	Odyssey 17	TB3			17.3	KBY-HQ								
Samsung	Notebook 9 15" EXT	TB3	GTX 940MX		15	KBY-U								
Toshiba	Toshiba													
Toshiba	Portégé X20W	TB3												
Vaio	Vaio													
Vaio	S11	TB3			11.6	U								

	Price		Graphics Length Limitation	Additional Ports							
eGPU Dock (Generally will be Thunderbolt 3, unless stated)	EUR (* if converted from USD)	USD (decimal if converted from EUR)		USB (Type-A) [61]	HDMI	Display port	DVI	3.5mm Jack [62]	LAN (RJ-45)	Extra	All TB3 laptops have Skylake 6th-gen CPUs or newer
Razer Core ($399 if bought with Razer)	454.11495	499 [63]	12.2	4	1	1	2		0		
AKiTiO Node3 Price $300	273.015	300	12.6								
Acer Graphics Dock (960M)	440	483.5094	NONE [64]	3	1	2	0	1	1		
Asus ROG XG Station 2 [65]	550	604.38675		4	1	2	1	1	1	USB and TB3 connection	
Powercolour Devil Box	409.5133995	449.99	12.2 [66]	4	1	1	0	2	1	Type C [67]	
Gigabyte eGPU dock				10 [68]	1	1		2		2 Type C [69]	
Gigabyte Aorus Gaming Box											eGPU docks should be cheaper next year, Intel has decided to remove Thunderbolt 3 fees that manufacturers have to pay
Mantiz MZ-02 (Venus) [70]	354.00945	389	13	5 [71]					1	SATA (up to 3.5)	
Mantiz MZ-01 (Saturn) [72]	363.10995	399	13	5 [73]					1	SATA (up to 3.5)	ATTENTION ALL: To find out if your Thunderbolt Laptop officially supports External GPUs, go to All Programs and find Thunderbolt Software (if it's not there, install Thunderbolt drivers). go to the Settings page and Details. The last item in the list should tell you if eGPU is supported on the laptop (If no, it still might *cry of rage* (not for those who have one, but its a pain for documentation)). Feel Free to comment some in.(click the box you want to add a comment to, and click comments in the top right and click comment) Beware, however, I do not know if they will support eGPUs, so I would wait for this to be comfirmed.
ZOTAC eGPU				4 [74]							
MSI GUS				2						Type C (USB3.1)	
											USB 3.1 refers to USB 3.1 Gen2 (10Gbps) USB 3.0 refers to USB 3.0 and USB 3.1 Gen1 (5Gbps) (Its really annoying how USB-IF did this, I think its because USB3.1 Gen1 can do video (Through Alt-Mode) while USB3 itself can't)
											✔ = eGPU certification (not nessessarily TB3, but also custom ports, like on Alienwares), only if comfirmed by GetThunderbolt@Twitter (though trying to get information out of them is just as hard as... thinking about something which is just as hard as this :)) or the manufacturer.
										USD to EUR	Converter Formula is =GoogleFinance("CURRENCY:USDEUR")*CX
										EUR to USD	Converter Formula is =GoogleFinance("CURRENCY:EURUSD")*BX
											Boxes that are commented will look like this one. Administrators (people who can edit) will resolve and add to the list
											HQ/HK - can power even the most demanding applications/games
											U - Likely to be bottleneck in more powerful applications
											M - ...maybe think about a better CPU.
											Please check if the model you are buying has TB3

Thunderbolt 3 is a new connection standard developed by Intel. The new connection standard possesses many different advantages, such as:

Uses USB Type-C, the new connection port developed by USB-IF.

Supports USB 3.1

Supports USB Alternative Mode for Display Modes (HDMI 2.0 and DiplayPort 1.2)

Supports USB Power Delivery (up to 100W as client, 15W to give to other devices)

A major simplification of USB standards, as non-Thunderbolt ports can take a mix of USB 3.1, Power Delivery, Alternative Modes (as shown on right) [75]

However, there is also one more very advantageous use of Thunderbolt 3. Its ability to host PCIe devices allows it to be used as a connection between laptops with Thunderbolt 3 and external Graphics.

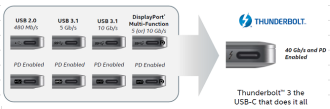
This is a helpful laptop searcher for people in the EU/UK.

All TB3 laptops have Skylake 6th-gen CPUs or newer

ATTENTION ALL: To find out if your Thunderbolt Laptop officially supports External GPUs, go to All Programs and find Thunderbolt Software (if it's not there, install Thunderbolt drivers). go to the Settings page and Details. The last item in the list should tell you if eGPU is supported on the laptop (If no, it still might work *cry of rage* (the cry of rage was not aimed at those who have a laptop that "doesn't" support eGPUs, but its a pain for documentation)).

Feel Free to comment some in.(click the box you want to add a comment to, and click comments in the top right and click comment) Beware, however, I do not know if they will support eGPUs, so I would wait for this to be comfirmed.

Not all USB-C Computer Ports Will be Equal



✔ = eGPU certification (not nessessarily TB3, but also custom ports, like on Alienwares), only if comfirmed by GetThunderbolt@Twitter (though trying to get information out of them is just as hard as... thinking about something which is just as hard as this :)) or the manufacturer.

Thunderbolt 3 external GPU enclosure

Gigabyte eGPU dock (Crazy amount of ports, look in comment for overview)

Boxes that are commented will look like this one. Administrators (people who can edit) will resolve and add to the list

HQ/HK - can power even the most demanding applications/games

U - Likely to be bottleneck in more powerful applications

M - ...maybe think about a better CPU.

Please check if the model you are buying has TB3

	Dell XPS 15 (9550)	Dell XPS 15 (9560)	Alienware 15 R2	Alienware 17 R3	Acer Predator 15	MSI GT72 Dominator	Acer Nitro Black Edition V15	Acer Nitro Black Edition V17	Asus Zenbook UX501VW	HP Elitebook 1040 G4
Processor	i5-6300HQ / i7-6700HQ	i5-7300HQ / i7 7700HQ	i7 6700HQ/6820HK	i7 6700HQ/6820HK	i7 6700HQ	i7 6820HK	i7 6700HQ	i7 6700HQ	i7 6700HQ	i7 7820HQ
Price (£/$)	£1,149 $1450 [76]	£1371 (i7)	£1,299 $1400	$1500	£1200 $1450	£1,300 $1600			£1,400 $1500	$1999
Advantages	-Thin	-Thin	-970M vs 960M		-No Throttling	-Replacable GPU				-Thin
	-Light	-Light			-Cool					-Light
	-Consumer	-Consumer			-Speakers					-Consumer
Storage	m.2 NVMe SSD	m.2 NVMe SSD or 2.5" (smaller batt)	M.2 x 2 / 2.5"	M.2 x 2 / 2.5"	Raid(4xNVMeM.2) | 2.5"	Raid(4xNVMeM.2) | 2 x 2.5"	2 x M.2 | 2.5"	M.2 | 2.5"	M.2 NVMe 512GB SSD	m.2 NVMe SSD
Max RAM/Slots	32/2 slots	32/2 slots	32/4	32/4	64/4	64/4	32/2		16 / 1 + 8GB Integtrated	16 / 0
Thickness	11(front)-17(back)mm	11(front)-17(back)mm	34mm	34mm	38.5mm	48mm	23mm	25mm		15.9mm
Weight	2kg	~2 kg	3.2kg	3.7kg	3.6kg	3.8kg	2.3kg	3kg		1.5kg
Where possible, 1920 x 1080 will be used for battery, mobile gaming on 4K is rare, and I'm sure you have a bigger WQHD/4K monitor to play on at home.										
Battery Life (mins) From Laptopmedia	270 | 482 56Whr | 84Whr	?? | ?? 56Whr | 97Whr	375 92Whr	312 (with UHD) I'm guessing around 400 (FHD) 92Whr	464 88Whr	83Whr	324 56Whr	290 52Whr		269 67Whr
From Notebookcheck (to fill in blanks)	554 (i7/FHD) 84Whr		446 92Whr	92Whr	400 (based on Video Playback) 88Whr	unknown with iGPU 150 with dGPU 83Whr	255 56Whr	254 52Whr	379 96Whr	
						GPU Switching requires reboot			QHD+ Display for Review [77]	

[1] Thunderbolt 3 Spec:
Can run on PCIe x4 3.0 or x2 3.0 (Low Power Edition).
If a laptop has two TB3 ports, it is 100% 40Gbps. LP TB3 cannot power two ports.
If it only has one TB3 port, then it may or may not have the full x4 speeds.

HPTB3 - Thunderbolt 3 with Full Speeds

[2] if M on 1XXX gpu, then it is a Max-Q design

[3] HAS - Haswell (4th Gen)
SKY - Sky Lake (6th Gen)
KBY - Kaby Lake (7th Gen)
KBY-R - Kaby Lake Refresh (8th Gen)

[4] Bandwidth is shared

[5] Specific Configurations

[6] After TB3 firmware update

[7] same model number as 2016 XPS 13

[8] Officially runs on a LP (Low Power) version of the TB3 controller. This limits the speed of the connection to TB2 speeds (20Gbps)

[9] Same as HD 620.

[10] Bandwidth is shared

[11] Bandwidth is shared

[12] Bandwidth is shared

[13] GA = Graphics Amplifier

[14] Bandwidth is shared

[15] Seems the Chinese variant is called the Miix 5 Pro

[16] GA = Graphics Amplifier

[17] Bandwidth is shared

[18] Officially runs on a LP (Low Power) version of the TB3 controller. This limits the speed of the connection to TB2 speeds (20Gbps)

[19] GA = Graphics Amplifier

[20] Bandwidth is shared

[21] TB 3.0 x2 Low Power. Charging input max 10W.

LPTB3: about 25%-35% performance hit, even after tweaking the CPU TDP to 9W.

[22] Battery Life with the 97Wh, FHD variant seems to be around 600 minutes (56whr time / 56 * 97) of WiFi v1.3 on notebookcheck.

How it compares:
http://www.notebookcheck.net/Benchmarks-and-Test-Results.142793.0.html

[23] Officially runs on a LP (Low Power) version of the TB3 controller. This limits the speed of the connection to TB2 speeds (20Gbps)

[24] Two Thunderbolt controllers, one TB3 controller for each side. Both sides are connected directly to the CPU. Bandwidth is shared by ports on each side. AFAIK this is the only notebook connecting TB3 controllers directly to the CPU. Every other one goes via PCH which shares bandwidth with other devices and bottlenecks the TB3 link.

[25] Radeon Pro 450 or Radeon Pro 455

[26] No Optimus

[27] No Optimus

[28] No Optimus

[29] No Optimus

[30] No Optimus

[31] No Optimus

[32] Try to see if you can get it cheaper by using Dell's Price Match. I know the US and UK have one, but not sure about other markets.

Price Match - find any similarly specced laptop.

[33] Officially runs on a LP (Low Power) version of the TB3 controller. This limits the speed of the connection to TB2 speeds (20Gbps)

[34] Specific Configurations

[35] Officially runs on a LP (Low Power) version of the TB3 controller. This limits the speed of the connection to TB2 speeds (20Gbps)

[36] Officially runs on a LP (Low Power) version of the TB3 controller. This limits the speed of the connection to TB2 speeds (20Gbps)

[37] GA = Graphics Amplifier

[38] GA = Graphics Amplifier

[39] GA = Graphics Amplifier

[40] GA = Graphics Amplifier

[41] Seems Dell has changed the naming scheme, judging from the URL of the Alienware 15 on the website. TB3 is connected to CPU port as per https://egpu.io/forums/implementation-guides/alienware-15-r3-gtx1070-gtx107032gbps-tb3-aorus-gaming-box-win10-theitsage/

[42] GA = Graphics Amplifier

[43] No Optimus on some models (G-Sync Models)

[44] Seems Dell has changed the naming scheme, judging from the URL of the Alienware 15 on the website

[45] GA = Graphics Amplifier

Controller Connected to CPU directly. (Can thus use full bandwidth and has low latency)

[46] No Optimus on some models (G-Sync Models)

[47] Only some configurations have a Thunderbolt Port

[48] Bandwidth is shared

[49] Site says "optional" Thunderbolt 3, so not sure what that means

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[53] Using HWiNFO64, all PCIe devices on P50 except dGPU are connected to PCH; and PCH connects to CPU with DMI 3.0 x4 (which pretty much is PCIe 3.0 x4??). This means that the this 32GT/s link to CPU is shared among 1 TB3 port, 2 M.2 PCIe 3.0 x4 (NVMe) ports, SATAs, Ethernets and WiFi.

Credit: Feiyeung Sit

[54] Samsung Notebook 9 15

[55] Bandwidth is shared

[56] I'll only highlight the ones that evidently work.

[57] Literally an full size PCIe (x16) slot is stuck on the back of the laptop. Guess that's one way to point out its function

[58] Broadwell (5th Gen) HQ
So rare (especially for TB3) I'm not going to include it in my little glossary at the top of the page

[59] Seems to be Full Speed (x4) TB3.
Checked with HWINFO64, 3 PCIe express ports, x1 x4 x4

[60] No Optimus

[61] The normal ones you find on any computer (at the moment)

[62] Alternatively known as a Headphone Jack.

[63] $399 if bought with Razer Laptop

[64] GPU provided

GPU is GTX 960M

[65] Official: Faster with TB3+USB.

Most notably, can optionally operate with either TB3 or TB3+USB3 configuration for increased bandwidth. This is especially useful for the internal 2.5" disk bay and attached USB peripherals.

"When connected with both a Thunderbolt™ 3 and USB Type-B cable, ROG XG Station 2 uses an additional USB signal channel to deliver 2X faster random read speeds and 1.8X faster write speeds than with a Thunderbolt™ 3 connection alone."

[66] 310 × 152 × 44 mm

[67] SATA III x1 (internal for 2.5” HDD/SSD)
Type C is at USB 3.0 speeds (USB3.1 Gen1 is the same as USB3.0)

[68] 9 USB 3.0
1 USB 3.1

[69] 1 x USB 3.0 Type-C
1 x USB 3.1 Gen.2 Type-C

1 x SD Card reader
1 x MicroSD reader
1 x PS/2 Port
1 x PCIe x4 M.2 SSD Slot
1 x PCIe x1 M.2 SSD Slot
1 x M.2 Slot 2230 for Wifi

[70] May 2017 release

[71] All USB 3.0

[72] May 2017 release

[73] All USB 3.0

[74] 1 is Quick Charge 3 enabled (Fast Charges your Phone if it has a Snapdragon 835). Is backwards compatible with Quick Charge 2.0 and 1.0, but at slower charging speeds

[75] Key examples being:
Smartphones with Type-C usually don't have USB 3.1 or Alternative Modes. Power Delivery not technically supported anyway

[76] Resellers only now, refurbished versions available starting at $1150

[77] FHD variant is available in select regions