

# comparing specifications and performances of 4 computers

course name : computer organization and  
architecture

Group: 3-2



# We will compare between:



ASUS Vivobook  
Flip 14 TP412



ASUS X571



HP ENVY x360



ASUS ZenBook  
UX305CA





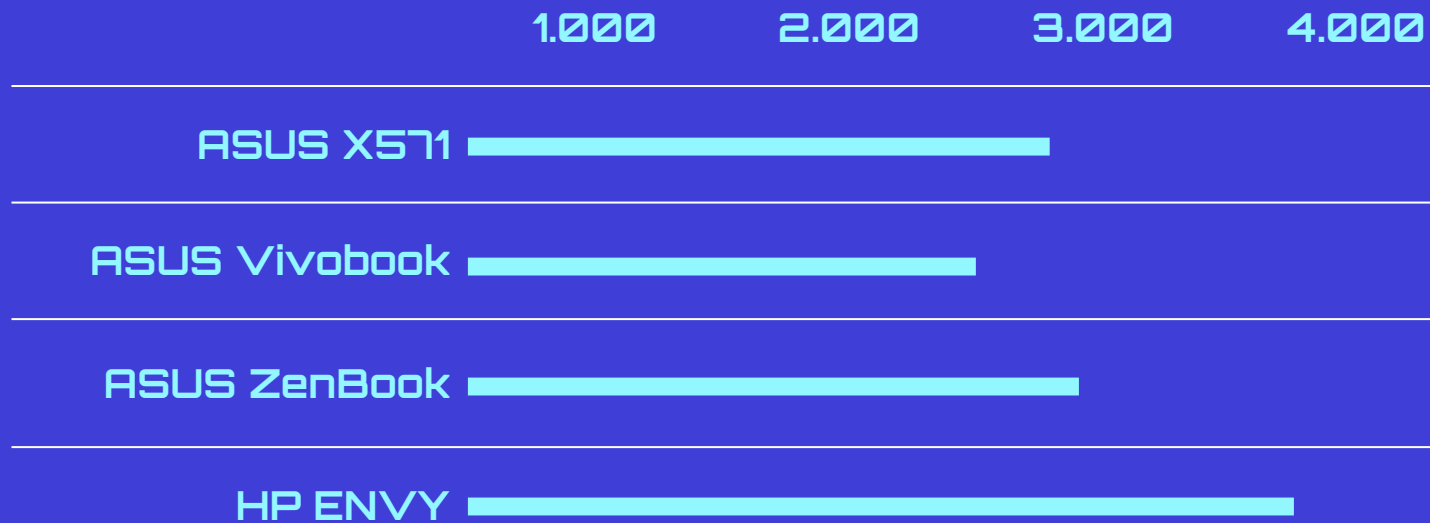

	COLOR	FOLDED	FINGERPRINT	CAMERA RESOLUTION	SCREEN SIZE	DISPLAY TYPE	DISPLAY RESOLUTION	TOUCH SCREEN	WEIGHT	ILLUMINATED KEYBOARD
ASUS X571	Star Black	×	×	720p HD	15.6 inch	FHD	1920x 1080	×	2.14 kg	×
ASUS Vivobook	Black	×	×	720p HD	15.6 inch	FHD	1920x 1080	✓	1.80 kg	×
ASUS ZenBook	Titanium Gold	×	×	720p HP	13.3 inch	QHD+	3200x 1800	×	1.2 kg	×
HP ENVY	Silver	✓	✓	720p HD	15.6 inch	FHD-IPS	1920x 1080	✓	1.92 kg	✓

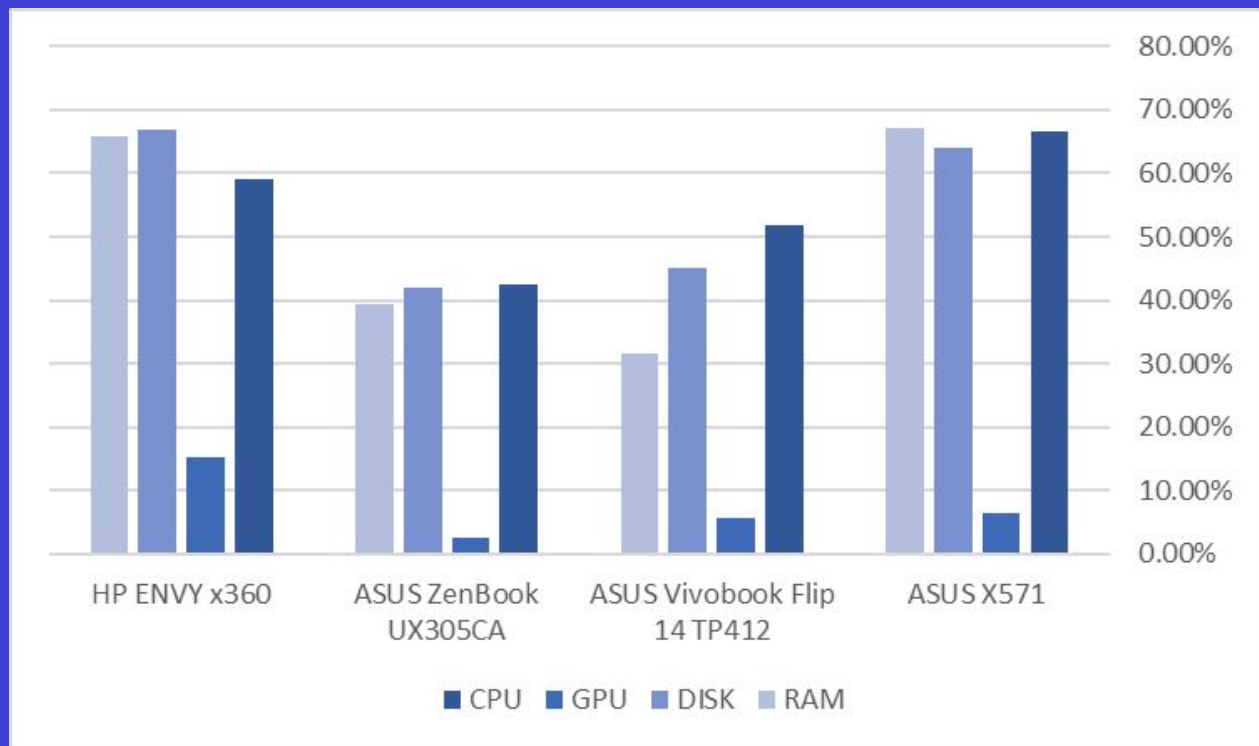
	PORTS AND SLOTS	OS	MODEL
ASUS X571	2 x USB 2.0 - 1 x USB 3.0 - 1 x USB-C™ 3.1 Gen 1 - 1 x RJ45 LAN - 1 x HDMI - 1 x SD card reader - Wi-Fi 6 (802.11ax)	Windows 11	X571GD
ASUS Vivobook	1x USB 3.2 Gen 1 Type-A - 2x USB 2.0 Type -A 1x Thunderbolt™ 4 supports display / power delivery 1x HDMI 1.4 -1x 3.5mm Combo Audio Jack1x DC-inMicro SD card reader	Windows 11	S533EQ
ASUS ZenBook	1 x Microphone-in jack -1 x Headphone-out jack 3 x 1 x micro HDMI - 1 x SD card reader 1 x AC adapter plug	Windows 10	UX305C A
HP ENVY	2 Thunderbolt™ 4 with USB Type-C,1 USB Type-A 10Gbps signaling rate,1 USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 headphone/microphone	Windows 11	15-es0xx x

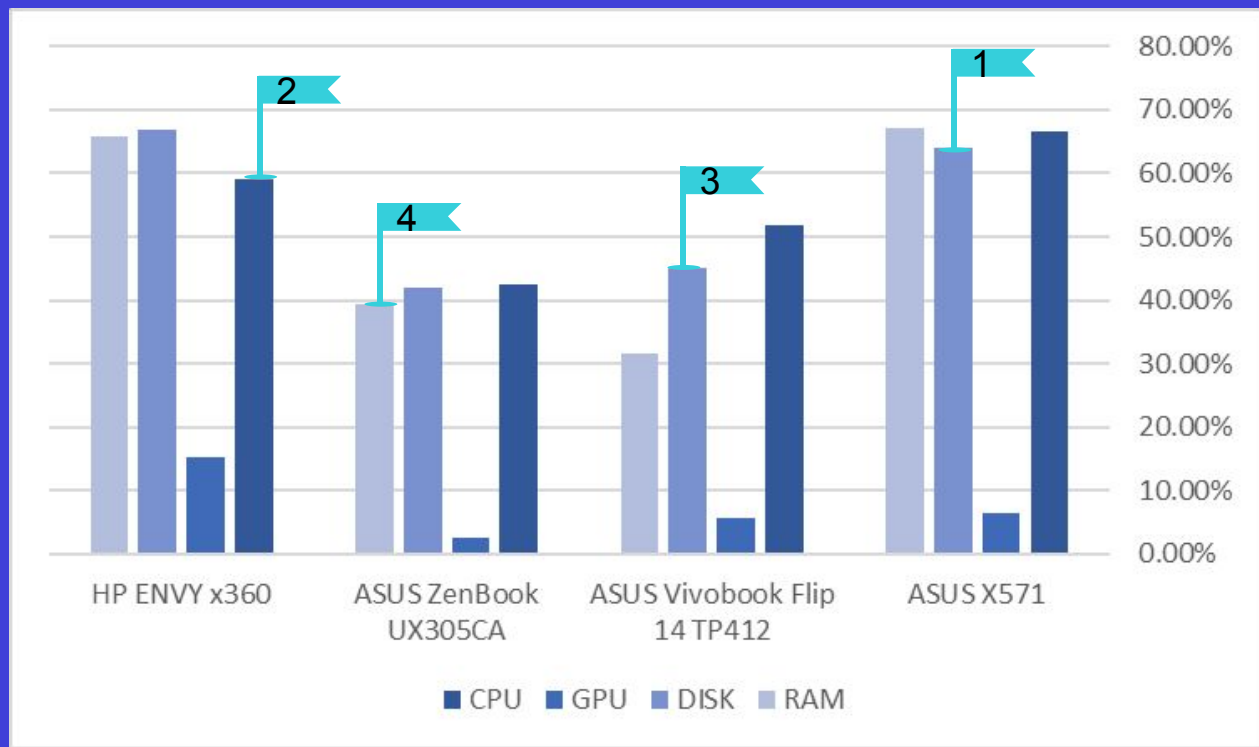


	ISA	RAM	PROCESSOR TYPE	PROCESSOR SPEED	PROCESSOR	CORES	BATTERY	MEMORY	HARD DISK	GPU
ASUS X571	Intel® SSE4.1	16.0 GB	Intel Core i7-9750H	GHz 2.6	1	6	42WHrs, Li-ion	16 GB	512GB	Intel UHD Graphics 630 -6.5%
ASUS Vivobook	Intel® SSE4.1	8 GB	Intel core i5-10210U	2.4 GHz	1	4	50WHrs, 3S1P, 3-cell Li-ion	8 GB	512GB	Intel UHD Graphics 5.5%
ASUS ZenBook	Intel® SSE4.1	4 GB	Intel Core i5-6Y30 900 MHz	1.51GHz	2	4	3-cell 45WHr	4 GB	512GB	Intel HD 515 (Mobile Skylake) - 2.5%
HP ENVY	Intel® SSE4.1	8 GB	Intel Core i5-1135G7	GHz 2.40	1	4	51 Wh Li-ion	8 GB	512GB	Intel Iris Xe 15.1%

# Cost









# Thanks!

Dr. Mohammed Sinky

Jana  
Al-Musbahie

Ghadi  
Almoqati

Aghid  
Alansari

Taif  
Othman

