






# เกณฑ์ราคากลาง และคุณลักษณะพื้นฐานครุภัณฑ์ คอมพิวเตอร์ปี 2566


June 2025






ข้อ 6. Desktop PC ราคา 20,000 บาท		ข้อ 6. Desktop PC ราคา 20,000 บาท		ข้อ 6. Desktop PC ราคา 20,000 บาท	
HP ProDesk 2 Tower G1a (B98C7PT#AKL)		HP Pro Tower 280 G9 (B0CR6AT#AKL)		HP Pro Tower 280 G9 (BD1N7AT#AKL)	
					
Processor	AMD Ryzen™ 3 8300G (4 Core, 8 Thread, Turbo Boost 4.9GHz, L3 Cache : 8MB)	Processor	Intel® Core™ i3-12100 (4 Core, 8 Thread, Turbo Boost 4.3GHz, L3 Cache : 12MB)	Processor	Intel® Core™ i3-13100 (4 Core, 8 Thread, Turbo Boost 4.5GHz, L3 Cache : 12MB)
Memory	8 GB DDR5-5200 MT/s (1 x 8 GB)	Memory	16 GB DDR5-4800 MT/s (1 x 16 GB)	Memory	8 GB DDR5-4800 MT/s (1 x 8 GB)
storage	512 GB PCIe® NVMe™ M.2 SSD	storage	512 GB PCIe® NVMe™ M.2 SSD	storage	512 GB PCIe® NVMe™ M.2 SSD
Graphics	AMD Radeon Graphics	Graphics	Intel UHD Graphics	Graphics	Intel UHD Graphics
Network	10/100/1000 GbE, Wi-Fi 6 and Bluetooth® 5.3	Wireless	10/100/1000 GbE, Wi-Fi 6 and Bluetooth® 5.3	Network	10/100/1000 GbE, Wi-Fi 6 and Bluetooth® 5.3
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse
OS	Windows 11 Home Single Language	OS	Windows 11 Home Single Language	OS	Windows 11 Home Single Language
Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	1/1/1 (Part/Labor/Onsite Next business Day)	Warranty	3/3/3 (Part/Labor/Onsite Next business Day)
ข้อ 6. Desktop PC ราคา 20,000 บาท		ข้อ 6. Desktop PC ราคา 20,000 บาท		ข้อ 6. Desktop PC ราคา 20,000 บาท	
HP Pro Tower 280 G9 (B4VN5PT#AKL)		HP Pro Tower 280 G9 (B9LC9PT#AKL)		TP01-4026d	
					
Processor	Intel® Core™ i3-14100 (4 Core, 8 Thread, Turbo Boost 4.7GHz, L3 Cache : 12MB)	Processor	Intel® Core™ i3-14100 (4 Core, 8 Thread, Turbo Boost 4.7GHz, L3 Cache : 12MB)	Processor	INTEL i3-13100 (RAPTOR LAKE) 3.40GHz 4 CORES
Memory	16 GB DDR5-4800 MT/s (1 x 16 GB)	Memory	16 GB DDR5-4800 MT/s (1 x 16 GB)	Memory	RAM 8GB (1x8GB) DDR4 3200 NECC
storage	512 GB PCIe® NVMe™ M.2 SSD	storage	512 GB PCIe® NVMe™ M.2 SSD	storage	SSD 256GB 2280 PCIe NVMe Val M.2 & HDD 1TB 7200RPM SATA 3.5 2nd
Graphics	Intel UHD Graphics	Graphics	Intel UHD Graphics	Graphics	UMA
Network	10/100/1000 GbE, Wi-Fi 6 and Bluetooth® 5.3	Network	10/100/1000 GbE, Wi-Fi 6 and Bluetooth® 5.3	Wireless	WLAN Wifi 6 2x2 +BT (Cava2)
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	kbd and mouse white wired 310 (C/G)
OS	Windows 11 Home Single Language	OS	Windows 11 Home Single Language	OS	Windows 11 +MS Office H&S 2021
Warranty	1/1/1 (Part/Labor/Onsite Next business Day)	Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	3Yrs Onsite
ข้อ 6. Desktop PC ราคา 20,000 บาท		ข้อ 7. Desktop PC ราคา 24,000 บาท		ข้อ 7. Desktop PC ราคา 24,000 บาท	
TP01-5003d		HP ProDesk 2 Tower G1a (B98C8PT#AKL)		HP Pro Tower 400 G9 (B36E2AT#AKL)	
					
Processor	INTEL i3-14100	Processor	AMD Ryzen™ 5 8500G (6 Core, 12 Thread, Turbo Boost 5.0GHz, L3 Cache : 16MB)	Processor	Intel® Core™ i5-12500 (6 Core, 12 Thread, Turbo Boost 4.6GHz, L3 Cache : 18MB)
Memory	RAM 8GB (1x8GB) DDR4 3200 NECC [4M0Q6AV]	Memory	8 GB DDR5-5200 MT/s (1 x 8 GB)	Memory	16 GB DDR5-4800 MT/s (1 x 16 GB)
storage	SSD 512GB 2280 PCIe NVMe Val M.2 [62G06AV]	storage	512 GB PCIe® NVMe™ M.2 SSD	storage	512 GB PCIe® NVMe™ SSD
Graphics	UMA [8R3P9AV]	Graphics	AMD Radeon Graphics	Graphics	Intel UHD Graphics 770
Wireless	WLAN Wifi 6 2x2 +BT (Cava2) [6K701AV]	Network	10/100/1000 GbE, Wi-Fi 6 and Bluetooth® 5.3	Wireless	10/100/1000 GbE, Wi-Fi 6, BT5.3
KB/Mouse	kbd and mouse white wired 310 (C/G) [3T121AV#AKL]	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse
OS	Windows 11	OS	Windows 11 Home Single Language	OS	Windows 11 Home Single Language
Warranty	3Yrs Onsite	Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	1/1/1 (Part/Labor/Onsite Next business Day)
ข้อ 7. Desktop PC ราคา 24,000 บาท		ข้อ 7. Desktop PC ราคา 24,000 บาท		ข้อ 7. Desktop PC ราคา 24,000 บาท	
HP Pro Tower 280 G9 (BD1N8AT#AKL)		HP Pro Tower 280 G9 (BD1N9AT#AKL)		HP Pro Tower 280 G9 (AX5L8PT#AKL)	
					
Processor	Intel® Core™ i5-13500 (14 Core, 20 Thread, Turbo Boost 4.8GHz, L3 Cache : 24MB)	Processor	Intel® Core™ i5-13500 (14 Core, 20 Thread, Turbo Boost 4.8GHz, L3 Cache : 24MB)	Processor	Intel® Core™ i5-14500 (14 Core, 20 Thread, Turbo Boost 5.0GHz, L3 Cache : 24MB)
Memory	8 GB DDR5-4800 MHz RAM (1 x 8 GB)	Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)	Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)
storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD
Graphics	Intel UHD Graphics 770	Graphics	Intel UHD Graphics 770	Graphics	Intel UHD Graphics 770
Network	10/100/1000 GbE, Wi-Fi 6, BT5.3	Network	10/100/1000 GbE, Wi-Fi 6, BT5.3	Network	10/100/1000 GbE, Wi-Fi 6, BT5.3
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse
OS	Windows 11 Home Single Language	OS	Windows 11 Home Single Language	OS	Windows 11 Home Single Language
Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	1/1/1 (Part/Labor/Onsite Next business Day)


ข้อ 7. Desktop PC ราคา 24,000 บาท		ข้อ 7. Desktop PC ราคา 24,000 บาท		ข้อ 7. Desktop PC ราคา 24,000 บาท	
HP Pro Tower 280 G9 (B9LD1PT#AKL)		TP01-4025d		TP01-5002d	
Processor	Intel® Core™ i5-14500 (14 Core, 20 Thread, Turbo Boost 5.0GHz, L3 Cache : 24MB)	Processor	INTEL i5-13400 (RAPTOR LAKE) 2.40GHz 10 CORES	Processor	INTEL i5-14400
Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)	Memory	RAM 8GB (1x8GB) DDR4 3200 NECC	Memory	RAM 8GB (1x8GB) DDR4 3200 NECC [4M0Q6AV]
storage	512 GB PCIe® NVMe™ SSD	storage	SSD 512GB 2280 PCIe NVMe Val M.2	storage	SSD 512GB 2280 PCIe NVMe Val M.2 [62G06AV]
Graphics	Intel UHD Graphics 770	Graphics	UMA	Graphics	UMA [8R3P9AV]
Network	10/100/1000 GbE, Wi-Fi 6, BT5.3	Network	WLAN Wifi 6 2x2 +BT (Cava2)	Network	WLAN Wifi 6 2x2 +BT (Cava2) [6K701AV]
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	kbd and mouse white wired 310 (C/G)	KB/Mouse	kbd and mouse white wired 310 (C/G) [3T121AV#AKL]
OS	Windows 11 Home Single Language	OS	Windows 11 +MS Office H&S 2021	OS	Windows 11 +MS Office H&S 2021
Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	3Yrs Onsite	Warranty	3Yrs Onsite
ข้อ 8. Desktop PC ราคา 32,000 บาท		ข้อ 8. Desktop PC ราคา 32,000 บาท		ข้อ 8. Desktop PC ราคา 32,000 บาท	
HP ProDesk 2 Tower G1a (B7JP8PT#AKL)		HP Pro Tower 280 G9 (AX5L8PT#AKL)		HP Pro Tower 280 G9 (B9LD1PT#AKL)	
Processor	AMD Ryzen™ 7 8700G (8 Core, 16 Thread, Turbo Boost 5.1GHz, L3 Cache : 16MB)	Processor	Intel® Core™ i5-14500 (14 Core, 20 Thread, Turbo Boost 5.0GHz, L3 Cache : 24MB)	Processor	Intel® Core™ i5-14500 (14 Core, 20 Thread, Turbo Boost 5.0GHz, L3 Cache : 24MB)
Memory	16 GB DDR5-5200 MT/s (1 x 16 GB)	Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)	Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)
storage	512 GB PCIe® NVMe™ M.2 SSD	storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD
Graphics	AMD Radeon Graphics	Graphics	Intel UHD Graphics 770	Graphics	Intel UHD Graphics 770
Network	10/100/1000 GbE, Wi-Fi 6 and Bluetooth® 5.3	Network	10/100/1000 GbE, Wi-Fi 6, BT5.3	Network	10/100/1000 GbE, Wi-Fi 6, BT5.3
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse
OS	Windows 11 Home Single Language	OS	Windows 11 Home Single Language	OS	Windows 11 Home Single Language
Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	1/1/1 (Part/Labor/Onsite Next business Day)	Warranty	3/3/3 (Part/Labor/Onsite Next business Day)
ข้อ 8. Desktop PC ราคา 32,000 บาท		ข้อ 8. Desktop PC ราคา 32,000 บาท		ข้อ 8. Desktop PC ราคา 32,000 บาท	
HP Pro Tower 280 G9 (B54GLPT#AKL)		HP Pro Tower 280 G9 (B9LD7PT#AKL)		HP Pro Tower 280 G9 (B9LD7PT#AKL)	
Processor	Intel® Core™ i5-14500 (14 Core, 20 Thread, Turbo Boost 5.0GHz, L3 Cache : 24MB)	Processor	Intel® Core™ i5-14500 (14 Core, 20 Thread, Turbo Boost 5.0GHz, L3 Cache : 24MB)	Processor	Intel® Core™ i5-14500 (14 Core, 20 Thread, Turbo Boost 5.0GHz, L3 Cache : 24MB)
Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)	Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)	Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)
storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD
Graphics	Intel UHD Graphics 770	Graphics	Intel UHD Graphics 770	Graphics	Intel UHD Graphics 770
Network	10/100/1000 GbE, Wi-Fi 6, BT5.3	Network	10/100/1000 GbE, Wi-Fi 6, BT5.3	Network	10/100/1000 GbE, Wi-Fi 6, BT5.3
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse
OS	Windows 11 Pro	OS	Windows 11 Pro	OS	Windows 11 Pro
Warranty	1/1/1 (Part/Labor/Onsite Next business Day)	Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	3/3/3 (Part/Labor/Onsite Next business Day)
ข้อ 8. Desktop PC ราคา 32,000 บาท		ข้อ 8. Desktop PC ราคา 32,000 บาท		ข้อ 8. Desktop PC ราคา 32,000 บาท	
HP Pro Tower 280 G9 (B9LE8PT#AKL)		HP Pro Tower 280 G9 (B4VN3PT#AKL)		HP Pro Tower 280 G9 (B4VN3PT#AKL)	
Processor	Intel® Core™ i7-14700 (20 Core, 28 Thread, Turbo Boost 4.6GHz, L3 Cache : 33MB)	Processor	Intel® Core™ i7-14700 (20 Core, 28 Thread, Turbo Boost 4.6GHz, L3 Cache : 33MB)	Processor	Intel® Core™ i7-14700 (20 Core, 28 Thread, Turbo Boost 4.6GHz, L3 Cache : 33MB)
Memory	16 GB DDR5-5600 MT/s (1 x 16 GB)	Memory	16 GB DDR5-5600 MT/s (1 x 16 GB)	Memory	16 GB DDR5-5600 MT/s (1 x 16 GB)
storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD
Graphics	Intel UHD Graphics 770	Graphics	Intel UHD Graphics 770	Graphics	Intel UHD Graphics 770
Network	10/100/1000 GbE, Wi-Fi 6, BT5.3	Network	10/100/1000 GbE, Wi-Fi 6, BT5.3	Network	10/100/1000 GbE, Wi-Fi 6, BT5.3
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse
OS	Windows 11 Home Single Language	OS	Windows 11 Pro	OS	Windows 11 Pro
Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	1/1/1 (Part/Labor/Onsite Next business Day)	Warranty	1/1/1 (Part/Labor/Onsite Next business Day)

ข้อ 9. All in one ราคา 20,000 บาท		ข้อ 9. All in one ราคา 20,000 บาท		ข้อ 9. All in one ราคา 20,000 บาท	
HP ProOne 245 G10 (B57VTP#AKL)		HP All-in-One 24-cr0106d (B13BGPA#AKL)		HP All-in-One 24-cr0105d (B13A3PA#AKL)	
					
Processor	AMD Ryzen™ 5 7520U (4 Core, 8 Thread, Turbo Boot 4.3GHz, L3 Cache : 4MB)	Processor	AMD Ryzen™ 3 7320U (4 Core, 8 Thread, Turbo Boot 4.1GHz, L3 Cache : 4MB)	Processor	AMD Ryzen™ 5 7520U (4 Core, 8 Thread, Turbo Boot 4.3GHz, L3 Cache : 4MB)
Memory	8 GB DDR5-6400 MT/s (Onboard)	Memory	8 GB DDR5-5500 MT/s (Onboard)	Memory	8 GB DDR5-5500 MT/s (Onboard)
storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD
Graphics	AMD Radeon Graphics	Graphics	AMD Radeon Graphics	Graphics	AMD Radeon Graphics
Display	23.8" FHD (1920 x 1080)	Display	23.8" FHD (1920 x 1080)	Display	23.8" FHD (1920 x 1080)
Wireless	10/100/1000GbE, Wi-Fi 6, BT5.3	Wireless	10/100/1000GbE, Wi-Fi 6, BT5.3	Wireless	10/100/1000GbE, Wi-Fi 6, BT5.3
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	HDD/ODD	***Adjustable Height Stand	HDD/ODD	***Adjustable Height Stand
Camera	5 MP tiltable camera	Camera	HD Camera (kbd and mouse white wireless)	Camera	FHD IR Camera (kbd and mouse white wireless)
OS	Windows 11 Home Single Language	OS	Windows 11 Home / MS Office H&S 2021	OS	Windows 11 Home / MS Office H&S 2021
Warranty	1/1/1 (Part/Labor/Onsite Next business Day)	Warranty	3 year 3 day Onsite Service	Warranty	3 year 3 day Onsite Service




ข้อ 10. All in one ราคา 24,000 บาท		ข้อ 10. All in one ราคา 24,000 บาท	
HP ProOne 245 G10 (AW6R3PT#AKL)		HP ProOne 240 G10 (B86VZPT#AKL)	
			
Processor	AMD Ryzen™ 7 7730U (8 Core, 16 Thread, Turbo Boot 4.5GHz, L3 Cache : 16MB)	Processor	Intel® Core™ i5-1334U (10 Core, 12 Thread, Turbo Boot 4.6GHz, L3 Cache : 12MB)
Memory	16 GB DDR4-3200 MHz (1x16GB)	Memory	16 GB DDR4-3200 MHz (1x8GB)
storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD
Graphics	AMD Radeon Graphics	Graphics	Intel UHD Graphics
Display	23.8" FHD (1920 x 1080)	Display	23.8" FHD (1920 x 1080)
Wireless	10/100/1000GbE, Wi-Fi 6, BT5.3	Wireless	10/100/1000GbE, Wi-Fi 6, BT5.3
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	HDD/ODD	-
Camera	5 MP tiltable camera	Camera	5 MP tiltable camera
OS	Windows 11 Home Single Language	OS	Windows 11 Home Single Language
Warranty	1/1/1 (Part/Labor/Onsite Next business Day)	Warranty	1/1/1 (Part/Labor/Onsite Next business Day)


ข้อ 10. All in one ราคา 24,000 บาท		ข้อ 10. All in one ราคา 24,000 บาท	
HP ProOne 240 G10 (B88D8AT#AKL)		HP All in one 24-cr0103d (B13A2PA#AKL)	
			
Processor	Intel® Core™ i5-1334U (10 Core, 12 Thread, Turbo Boot 4.6GHz, L3 Cache : 12MB)	Processor	Intel® Core™ i5-1335U (10 Core, 12 Thread, Turbo Boot 4.6GHz, L3 Cache : 12MB)
Memory	16 GB DDR4-3200 MT/s (1x16GB)	Memory	16 GB DDR4-3200 MT/s (2x8GB)
storage	512 GB PCIe® NVMe™ SSD	storage	512 GB PCIe® NVMe™ SSD
Graphics	Intel UHD Graphics	Graphics	Intel Iris Graphics
Display	23.8" FHD (1920 x 1080)	Display	23.8" FHD (1920 x 1080)
Wireless	10/100/1000GbE, Wi-Fi 6, BT5.3	Wireless	10/100/1000GbE, Wi-Fi 6, BT5.3
KB/Mouse	HP 125 Wired Keyboard / HP 125 Wired Mouse	KB/Mouse	-
Camera	5 MP tiltable camera	Camera	FHD IR Camera (kbd and mouse white wireless)
OS	Windows 11 Home Single Language	OS	Windows 11 Home / MS Office H&S 2021
Warranty	3/3/3 (Part/Labor/Onsite Next business Day)	Warranty	3 year 3 day Onsite Service

ข้อ 11. Notebook ราคา 19,000 บาท		ข้อ 11. Notebook ราคา 19,000 บาท		ข้อ 12. Notebook ราคา 19,000 บาท	
HP 255 15.6 inch G10 (B00VYAT#AKL)		15-fd0493TU		15-fc0291AU	
					
Processor	AMD Ryzen™ 5 7530U (6 Core, 12 Thread, Turbo Boost 4.5GHz, L3 Cache : 16MB)	Processor	Core i3-1315U [70R00AV]	Processor	Ryzen-5 7430U [9Q6B1AV]
Memory	16 GB DDR4-3200 MHz (1x16GB)	Memory	16GB DDR4 2DM 3200 [70R42AV]	Memory	16GB DDR4 2DM 3200 [733W2AV]
storage	512 GB PCIe® NVMe™ SSD	storage	512GB PCIe value [70R49AV]	storage	512GB PCIe Value [733W7AV]
Graphics	AMD Radeon Graphics	Graphics	Intel UHD Graphics [70R00AV]	Graphics	AMD Radeon Graphics [9Q6B1AV]
Display	15.6" FHD (1920 x 1080)	Display	15.6 FHD (1920x1080) Antiglare IPS 300 nits Narrow border flat [8Y3X1AV]	Display	15.6 FHD Antiglare IPS 300 nits Narrow border flat [9P753AV]
Wireless	Wi-Fi 6 and Bluetooth 5.3	Wireless	Realtek Cava 2 Wifi 6 + BT 5.3 ax 2x2 [74G14AV]	Wireless	Realtek Choya Wi-Fi 6 + BT 5.3 ax 1x1 [734X3AV]
Camera	720p	Camera	Natural Silver (FF+) - FPR - 720p TNR PVCY ST [70R28AV]	Camera	Natural Silver (FF+) - FPR - 720p TNR PVCY ST [734C5AV]
OS	Windows 11 Home	OS	Windows 11 + MS Office	OS	Windows 11 + MS Office
Warranty	1 year carry-in warranty	Warranty	2Yrs Onsite	Warranty	2Yrs Onsite

ข้อ 12. Notebook ราคา 19,000 บาท		ข้อ 12. Notebook ราคา 24,000 บาท	
15-fc0285AU		HP 255 15.6 inch G10 (B00VYAT#AKL)	
			
Processor	Ryzen 3-7320U [733M1AV]	Processor	AMD Ryzen™ 5 7530U (6 Core, 12 Thread, Turbo Boost 4.5GHz, L3 Cache : 16MB)
Memory	8GB LPDDR5 on-board [733M1AV]	Memory	16 GB DDR4-3200 MHz (1x16GB)
storage	512GB PCIe Value [733W7AV]	storage	512 GB PCIe® NVMe™ SSD
Graphics	AMD Radeon Graphics [733M1AV]	Graphics	AMD Radeon Graphics
Display	15.6 FHD Antiglare IPS 300 nits Narrow border flat [9P753AV]	Display	15.6" FHD (1920 x 1080)
Wireless	Realtek Choya Wi-Fi 6 + BT 5.3 ax 1x1 [734X3AV]	Wireless	Wi-Fi 6 and Bluetooth 5.3
Camera	Natural Silver (FF+) - FPR - 720p TNR PVCY ST [734C5AV]	Camera	720p
OS	Windows 11 +MS Office	OS	Windows 11 Home
Warranty	2Yrs Onsite	Warranty	1 year carry-in warranty

ข้อ 12. Notebook ราคา 24,000 บาท		ข้อ 12. Notebook ราคา 24,000 บาท	
HP 250 15.6 inch G10 (B90YPAT#AKL)		15s-fq5378TU	
			
Processor	Intel® Core™ i5-1334U (10 Core, 12 Thread, Turbo Boost 4.6GHz, L3 Cache : 12MB)	Processor	Core i7-1255U - U15 [4V9Y3AV]
Memory	16 GB DDR4-3200 MHz (1x16GB)	Memory	16GB DDR4 2DM 3200 [36F12AV]
storage	512 GB PCIe® NVMe™ SSD	storage	512GB PCIe value [6MV37AV]
Graphics	Intel UHD Graphics	Graphics	Intel Iris Xe [4V9Y3AV]
Display	15.6" FHD (1920 x 1080)	Display	15.6 FHD Antiglare slim IPS 250 nits Narrow Border [2N8Y6AV]
Wireless	Wi-Fi 6 and Bluetooth 5.3	Wireless	Mediatek Tequila ax 2x2 Wi-Fi 6 +BT 5.3 [46Q47AV]
Camera	720p	Camera	Natural Silver (FF+) + NSV - FPR - 720p TNR [4X465AV]
OS	Windows 11 Home	OS	Windows 11 + MS Office
Warranty	1/1/1 (Part/Labor/Onsite Next business Day)	Warranty	2Yrs Onsite

ข้อ 12. Notebook ราคา 24,000 บาท		ข้อ 12. Notebook ราคา 24,000 บาท		ข้อ 12. Notebook ราคา 24,000 บาท	
15-fc0290AU		15-fd0405TU		15-fd0406TU	
					
Processor	Ryzen 7-7730U [733M5AV]	Processor	Core i5-1235U - U15 [9R7K6AV]	Processor	Core i5-1334U [952D1AV]
Memory	16GB DDR4 2DM 3200 [733W2AV]	Memory	16GB DDR4 2DM 3200 [70R42AV]	Memory	8GB DDR4 1DM 3200 [70R44AV]
storage	512GB PCIe Value [733W7AV]	storage	512GB PCIe value [70R49AV]	storage	512GB PCIe value [70R49AV]
Graphics	AMD Radeon Graphics [733M5AV]	Graphics	Intel Iris Xe [9R7K6AV]	Graphics	Intel Iris Xe [952D1AV]
Display	15.6 FHD Antiglare IPS 300 nits Narrow border flat [9P753AV]	Display	15.6 FHD Antiglare IPS 300 nits Narrow border flat [8Y3X1AV]	Display	15.6 FHD Antiglare IPS 300 nits Narrow border flat [8Y3X1AV]
Wireless	Realtek Cava 2 Wifi 6 + BT 5.3 ax 2x2 [75P57AV]	Wireless	Realtek Cava 2 Wifi 6 + BT 5.3 ax 2x2 [74G14AV]	Wireless	Realtek Cava 2 Wifi 6 + BT 5.3 ax 2x2 [74G14AV]
Camera	Natural Silver (FF+) - FPR - 720p TNR PVCY ST [734C5AV]	Camera	Natural Silver (FF+) - FPR - 720p TNR PVCY ST [70R28AV]	Camera	Natural Silver (FF+) - 720p TNR PVCY ST [70R29AV]
OS	Windows 11 + MS Office	OS	Windows 11 +MS Office	OS	Windows 11
Warranty	2Yrs Onsite	Warranty	2Yrs Onsite	Warranty	2Yrs Onsite

ข้อ 12. Notebook ราคา 24,000 บาท		ข้อ 12. Notebook ราคา 24,000 บาท	
15-fc1019AU		15-fd0342TU	
			
Processor	R5-7535HS [A02KCAV]	Processor	Core i5-1334U [952D1AV]
Memory	16GB DDR5 2DM 4800 [A02KGAU]	Memory	16GB DDR4 2DM 3200 [70R42AV]
storage	1TB PCIe Value [733W5AV]	storage	512GB PCIe value [70R49AV]
Graphics	AMD Radeon Graphics [A02KCAV]	Graphics	Intel Iris Xe [952D1AV]
Display	15.6 FHD Antiglare IPS 300 nits Narrow border flat [9P753AV]	Display	15.6 FHD Antiglare IPS 300 nits Narrow border flat [8Y3X1AV]
Wireless	Realtek Cava 2 Wifi 6 + BT 5.3 ax 2x2 [75P57AV]	Wireless	Realtek Cava 2 Wifi 6 + BT 5.3 ax 2x2 [74G14AV]
Camera	Natural Silver (FF+) - FPR - 1080p TNR PVCY ST [734C3AV]	Camera	Natural Silver (FF+) - FPR - 720p TNR PVCY ST [70R28AV]
OS	Windows 11 + MS Office	OS	Windows 11 + MS Office
Warranty	2Yrs Onsite	Warranty	2Yrs Onsite

ข้อ 12. Notebook ราคา 24,000 บาท	
15-fd1218TU	
	
Processor	Ultra 5-125H [917T9AV]
Memory	16GB DDR5 2DM 5600 [91U36AV]
storage	512GB PCIe value [70R49AV]
Graphics	Intel Arc graphics [917T9AV]
Display	15.6 FHD (1920x1080) Antiglare IPS 300 nits Narrow border flat [8Y3X1AV]
Wireless	Intel Harrison Peak 2 Wi-Fi 6 AX201 (2x2) + BT 5.2 [A27RRAV]
Camera	Natural Silver (FF+) - FPR - 720p TNR PVCY ST [70R28AV]
OS	Windows 11 +MS Office
Warranty	2Yrs Onsite



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**ข้อ 43. (Ink Tank Printer) ราคา 4,100 บาท**

**HP Smart Tank 210 Printer (3D4L3A)**



**Print quality :** Up to 4800 x 1200 dpi  
**speed black (draft,A4) :** Up to 22 ppm  
**speed color (draft,A4) :** Up to 16 ppm  
**Connectivity :** Hi-Speed USB 2.0, Wi-Fi  
**Input capacity :** Up to 100 sheets  
**Warranty :** 2Yr Onsite Support

**ข้อ 45. เลเซอร์ หรือ LED ราคา 3,300 บาท**

**HP Laser 108a Printer (4ZB79A)**



**Print quality :** Up to 1200 x 1200 dpi  
**Print speed black (draft,A4) :** up to 20 ppm  
**Memory :** 64 MB  
**Connectivity :** Hi-Speed USB 2.0  
**Input capacity :** Up to 150 sheets  
**Warranty :** 3 yrs NBD onsite

**ข้อ 47. Laser หรือ LED ราคา 15,000 บาท**

**HP LaserJet Pro 4003dn (2Z609A)**



**Print quality :** Up to 1200 x 1200 dpi  
**Print speed black (draft,A4) :** Up to 40 ppm  
**Duplex printing :** Automatic (standard)  
**Memory :** 256 MB  
**Connectivity :** USB 2.0, Ethernet  
**Input capacity :** Up to 350 sheets  
**Warranty :** 3 yrs NBD onsite

**ข้อ 44. (Inkjet Printer) A3 ราคา 8,000 บาท**

**HP OfficeJet Pro 9720 Wide Format All-in-One Printer (53N94C)**



**Print quality :** Up to 4800 x 1200 dpi  
**speed black (draft,A4) :** Up to 34 ppm  
**speed color (draft,A4) :** Up to 34 ppm  
**Connectivity :** Hi-Speed USB 2.0, Ethernet, Wi-Fi  
**Input capacity :** Up to 250 sheets  
**Warranty :** 2Yr Onsite Support

**ข้อ 46. Laser ราคา 8,900 บาท**

**HP LaserJet Pro 3003dn Printer (3G653A)**





**Print quality :** Up to 1200 x 1200 dpi  
**Print speed black (draft,A4) :** Up to 33 ppm  
**Duplex printing :** Automatic (standard)  
**Memory :** 256 MB  
**Connectivity :** USB 2.0, Ethernet  
**Input capacity :** Up to 250 sheets  
**Warranty :** 3yr Return to HP (ประกันศูนย์)


**ข้อ 48. Laser สี ราคา 11,000 บาท**

**HP Color LaserJet Pro 3203dw (499N4A)**



**Print quality :** Up to 600 x 600 dpi  
**Print speed black (draft,A4) :** up to 25 ppm  
**Print speed color (draft,A4) :** up to 25 ppm  
**Duplex printing :** Automatic (standard)  
**Memory :** 256 MB  
**Connectivity :** USB 2.0, Ethernet, Wi-Fi  
**Input capacity :** Up to 250 sheets

ข้อ 49. Laser สี ชนิด Network แบบที่ 2 ราคา 27,000 บาท	ข้อ 50. Laser ขาวดำ ชนิด Network A3 : ราคา 53,000 บาท
HP Color LaserJet Pro 4203dw (5HH48A)	HP LaserJet Enterprise 700 M712dn (CF236A)
	
Print quality : Up to 600 x 600 dpi	Print quality : Up to 1200 x 1200 dpi
Print speed black (draft,A4) : up to 33 ppm	Print speed black (draft,A4) : Up to 40 ppm
Print speed color (draft,A4) : up to 33 ppm	Duplex printing : Automatic (standard)
Duplex printing : Automatic (standard)	Memory : 512 MB
Memory : 512 MB	Connectivity : USB 2.0, Ethernet
Connectivity : USB 2.0, Ethernet, Wi-Fi	Input capacity : Up to 600sheets
Input capacity : Up to 300 sheets	Warranty : 3yr Return to HP
ข้อ 51. เครื่องพิมพ์ Multifunction (Ink Tank Printer) ราคา 8,000 บาท	ข้อ 51. เครื่องพิมพ์ Multifunction (Ink Tank Printer) ราคา 8,000 บาท
HP Smart Tank 615 All-in-One Printer (Y0F71A)	HP Smart Tank 750 All-in-One Printer (6UU47A)
	
Print quality : Up to 4800 x 1200 dpi	Print quality : Up to 4800 x 1200 dpi
Print speed black (draft,A4) : Up to 11 ipm	Print speed black (draft,A4) : Up to 15 ipm
Print speed color (draft,A4) : Up to 5 ipm	Print speed color (draft,A4) : Up to 9 ipm
Scan : A4 (color/mono)	Scan : A4 (color/mono)
Scan resolution : Up to 1200 dpi	Scan resolution : Up to 1200 dpi
Automatic document feeder : Standard, Up to 35 sheets	Automatic document feeder : Standard, Up to 35 sheets
Copies : Up to 99 copies (color/mono)	Copies : Up to 99 copies (color/mono)
Copyreduce / enlarge settings : 25 to 400%	Copyreduce / enlarge settings : 25 to 400%
Connectivity : Hi-Speed USB 2.0, Wi-Fi	Connectivity : Hi-Speed USB 2.0, Ethernet, Wi-Fi
Input capacity : Up to 100 sheets	Input capacity : Up to 250 sheets
Warranty : 2Yr Onsite Support	Warranty : 2Yr Onsite Support
ข้อ 52. Laser Multifunction ขาวดำ ราคา 10,000 บาท	ข้อ 53. Laser Multifunction สี ราคา 16,000 บาท
HP LaserJet Pro MFP 3103fdn (3G631A)	HP Color LaserJet Pro MFP 3303sdw (499M6A)
	
Print quality : Up to 1200 x 1200 dpi	Print quality : Up to 600 x 600 dpi
Print speed black (draft,A4) : Up to 33 ppm	Print speed black (draft,A4) : Up to 25 ppm
Scan : A4 (color/mono)	Print speed color (draft,A4) : Up to 25 ppm
Scan resolution : Up to 1200 dpi	Scan : A4 (color/mono)
Automatic document feeder : Standard, Up to 50 sheets	Scan resolution : Up to 1200 dpi
Copies : Up to 999 copies	Automatic document feeder : Standard, Up to 50 sheets
Copyreduce / enlarge settings : 25 to 400%	Copies : Up to 999 copies
Connectivity : USB 2.0, Ethernet	Copyreduce / enlarge settings : 25 to 400%
Input capacity : Up to 250 sheets	Connectivity : USB 2.0, Ethernet, Wi-Fi
Warranty : 3yr Return to HP	Input capacity : Up to 250 sheets
	Warranty : 3 years onsite exchange

ข้อ 56. <b>Scanner</b> แบบที่ 1 ราคา 16,000 บาท	ข้อ 57. <b>Scanner</b> แบบที่ 2 ราคา 27,000 บาท	ข้อ 58. <b>Scanner</b> แบบที่ 3 ราคา 33,000 บาท
HP ScanJet Pro 2000 s2 Sheetfeed Scanner (6FW06A)	HP ScanJet Pro 3000 s4 Sheetfeed Scanner (6FW07A)	HP ScanJet Enterprise Flow 5000 s5 Sheetfeed Scanner (6FW09A)
		
<b>Automatic document feeder</b> : Standard, 50 sheets	<b>Automatic document feeder</b> : Standard, 50 sheets	<b>Automatic document feeder</b> : Standard, 80 sheets
<b>Duplex ADF scanning</b> : Yes	<b>Duplex</b> : Yes	<b>Duplex</b> : Yes
<b>Scan resolution</b> : 600 x 600 dpi	<b>Scan resolution</b> : 600 x 600 dpi	<b>Scan resolution</b> : 600 x 600 dpi
<b>Scan speed</b> : up to 35 ppm	<b>Scan speed</b> : Up to 40 ppm	<b>Scan speed</b> : Up to 65ppm
<b>Scan</b> : A4 (color/mono)	<b>Scan</b> : A4 (color/mono)	<b>Scan</b> : A4 (color/mono)
<b>Connectivity</b> : USB 3.0	<b>Connectivity</b> : USB 3.0	<b>Connectivity</b> : USB 3.0
<b>Warranty</b> : 1 yr return to HP	<b>Warranty</b> : 1 yr return to HP	<b>Warranty</b> : 1 yr return to HP



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