

S#	POC: Training of different types of Robots		
	Item	Specification	QTY
1.	Lenovo LOQ 15 AI Tuned - Laptop or equivalent	• Brand: Lenovo • Processor: 13th Generation Core i7 13650HX Processor 3.60 Ghz Turbo Boost upto 4.90 Ghz (14 Cores - 20 Threads, 24 MB Intel® Smart Cache) or equivalent • Generation: 13th Generation • Total RAM: 32GB • Type of memory: Two DDR5 SO-DIMM slots, dual-channel capable, up to 32GB DDR5-4800 • Hard drive size: 1TB SSD M.2 2242 PCIe® 4.0x4 NVMe® • Graphic Series: RTX 4050 • Graphics memory: NVIDIA® GeForce RTX™ 4050 6GB GDDR6, Boost Clock 2370MHz, TGP 105W, 194 AI TOPS or latest • Graphics processor: Intel® HM770 Chipset • Backlight: Yes • Screen size: 15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, G-SYNC® • Screen resolution: 1920 x 1080 • Color: Grey • Numeric keyboard: Yes • Backlit keyboard: White Backlit, English (UK) • Bluetooth: BT5.2 • LAN: Yes • Wireless/Wifi: Yes (Wi-Fi® 6, 11ax 2x2) • USB: 3x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with Lenovo® PD 140W and DisplayPort™ 1.4 • HDM: 1x HDMI® 2.1, up to 8K/60Hz • Camera: FHD 1080p with E-shutter • Warranty: 1-year International Warranty + 02-year Local support (Total 3 Year) • Required Original item, not refurbished or open box	01
2.	HP Envy x360 16 AC0037TU - Meteor Lake or equivalent	• Brand: HP • Processor: Intel® Core™ Ultra 5 125U, 12C (2P + 8E + 2LPE) / 14T, 12MB Cache, Base 1.3 GHz, Max Turbo up to 4.3 GHz or latest • Generation: Intel Core Ultra 5 • RAM: 16GB • Type of memory: 16 GB LPDDR5-6400 MT/s (onboard) • Hard drive: 512 GB SSD • Hard drive speed: M.2 2280 PCIe® 4.0x4 NVMe® • Graphic Series: Intel Iris Xe Graphics • Graphics memory: Intel Integrated • Screen size: 16" diagonal, WUXGA (1920 × 1200), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, Low Blue Light, 400 nits, low power, 100% sRGB • Screen resolution: 1920x1200 • Touchscreen: Yes • Colour: Silver • Fingerprint Reader: Yes • Wireless/Wifi: Yes (Intel® Wi-Fi 6E AX211 (2x2)) • USB: 2 × USB Type-C (USB4/Thunderbolt 4, PD, DP, Sleep & Charge) + 2 × USB Type-A (USB 3.2 Gen 2, 10 Gbps, 1 charging) • HDMI: 1× HDMI 2.1 • Camera: 5MP IR Camera with privacy shutter • Warranty: 1-year International Warranty + 02-year Local support (Total 3 Year) • Required Original item, not refurbished or open box	01
3.	Stylus Pens for HP Envy X360 Convertible 2-in-1 Touch Screen Laptop (15.6") Pencil, Active Stylus Digital Pencil	• Stylus Pens for HP Envy X360 or equivalent which is compatible with HP Envy X360 • Colour: Black • Brand : EVACH • Material: Metal • Number of Batteries 1 Lithium Metal batteries required. (included) • Item Weight: 41 Grams	02

	Fine Tip Stylus for HP Envy X360 Convertible 2-in-1 Laptop 15.6" Pen,Black	• Battery Average Life Standby:7 Hours • Compatible Devices: Laptop • Item dimensions L x W x H: 7.72 x 1.85 x 0.91 inches • Are Batteries Included: Yes • Batteries Required: Yes	
4.	A4Tech Fstyler FG1010S Power-Saving Wireless Keyboard & Mouse	• Brand: A4Tech • Model: FG1010S • Type: Wireless • Color: Black • Required Original item	03
5.	Samsung T7 Shield 1 Terabyte Portable USB 3.2 External SSD Drop Resistant (Black)	• Brand: Samsung • External Hard Drive Series: Shield • Interface: USB 3.2 • Capacity: 1 - Terabyte • Factor: 2.5 Inch • Color: Black • Required Original item	03

Note: All the components installed should be compatible with the system and each other.

a) Please tick the relevant box

☐ Installation

☒ Testing

☒ Warranty requirement