

COMMODITY DESCRIPTION

(물품 구매 규격 및 사양서)

Subject	Computer Lab (A211) and Physics Lab (C303) PC, Monitor, Peripherals and Installation labor																																			
Item Name	English	PC, Monitor, Peripherals and Installation labor	Quantity	Custom PC (include GPU) x 11 Custom PC (without GPU) x 26 Brand PC x 8 Monitor x 50 Peripherals Installation labor																																
	Korean	PC, 모니터, 주변기기 및 설치용역																																		
Model Name	Custom PC (include GPU), Custom PC (without GPU), Brand PC, Monitor, Peripherals (External Power Switch, Keyboard and mouse), Installation labor																																			
Supply with equivalent or higher specification products: Acceptable <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/>																																				
COMPONENTS AND SPECIFICATIONS																																				
1. Purpose - To replace aging laboratory equipment experiencing frequent malfunctions and compatibility issues, in order to provide students with a stable and high-quality educational environment.																																				
2. Detailed Specifications (Performance and Features): 1) Custom PC (include GPU) <table><thead><tr><th></th><th>Specification</th></tr></thead><tbody><tr><td>CPU</td><td>Intel-i5 12 gen series or higher</td></tr><tr><td>GPU</td><td>NVIDIA RTX 5060</td></tr><tr><td>Memory</td><td>8GB memory x 2EA</td></tr><tr><td>Storage (SSD/HDD)</td><td>M.2 NVME 512GB SSD</td></tr><tr><td>Port</td><td>[Front] USB Type-A port / 3.5mm Headphone Jack</td></tr><tr><td></td><td>[Back] Gigabit Ethernet port HDMI port</td></tr><tr><td>Peripherals</td><td>USB Type-A port PC component security lock</td></tr></tbody></table> 2) Custom PC (without GPU) <table><thead><tr><th></th><th>Specification</th></tr></thead><tbody><tr><td>CPU</td><td>Intel-i5 12 gen series or higher</td></tr><tr><td>GPU</td><td>-</td></tr><tr><td>Memory</td><td>8GB memory x 2EA</td></tr><tr><td>Storage (SSD/HDD)</td><td>M.2 NVME 512GB SSD</td></tr><tr><td>Port</td><td>[Front] USB Type-A port / 3.5mm Headphone Jack</td></tr><tr><td></td><td>[Back] Gigabit Ethernet port HDMI port</td></tr><tr><td>Peripherals</td><td>USB Type-A port PC component security lock</td></tr></tbody></table>						Specification	CPU	Intel-i5 12 gen series or higher	GPU	NVIDIA RTX 5060	Memory	8GB memory x 2EA	Storage (SSD/HDD)	M.2 NVME 512GB SSD	Port	[Front] USB Type-A port / 3.5mm Headphone Jack		[Back] Gigabit Ethernet port HDMI port	Peripherals	USB Type-A port PC component security lock		Specification	CPU	Intel-i5 12 gen series or higher	GPU	-	Memory	8GB memory x 2EA	Storage (SSD/HDD)	M.2 NVME 512GB SSD	Port	[Front] USB Type-A port / 3.5mm Headphone Jack		[Back] Gigabit Ethernet port HDMI port	Peripherals	USB Type-A port PC component security lock
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3) Brand PC

CPU
GPU
Memory
Storage (SSD/HDD)
Port

Specification

Intel-i5 12 gen series or higher
-
8GB memory x 2EA
M.2 NVME 512GB SSD
[Front]
USB Type-A port
[Back]
Gigabit Ethernet port
HDMI port
USB Type-A port
RS-232 Serial port

4) Monitor

LG or SAMSUNG 32" Monitor

Display Size
Resolution
Maximum Brightness
Inputs

Specification

32"
2560 x 1440 (QHD) or higher
250 nits / cd/m² or higher
DisplayPort x 1EA
HDMI x 1EA

5) Peripherals

A. Keyboard and mouse

Quantity
Keyboard Layout
Connection Type

Specification

50 EA
Qwerty, 104 keys
Wired, USB

B. External Power Switch

Quantity
Features
Requirements

Specification

42 EA
USB port
PC Power button
Must be installed on the PC table
Does not interfere with PC case functions
USB port must support data transfer

6) Installation labor

Installation
Test
Support

Specification

System Configuration & Installation
Quality assurance test, Full-Load test
1-year warranty

3. Standards and Accessories:

4. Conditions <ul style="list-style-type: none"> - Delivery Conditions: - Delivery Location: SUNY Korea academic building A211 and C303
5. Inquiries <ul style="list-style-type: none"> - Name: Jun Park - Affiliation: IT Services - Contact: 032-626-1172
6. Remarks <ul style="list-style-type: none"> - Upon delivery, custom PCs, 42 monitors and 42 peripherals must be installed in the computer lab (A211) for inspection. - Upon delivery, brand PCs, 8 monitors, and 8 keyboard and mouse must be installed in the physics lab (C303) for inspection.
※ Reference <ul style="list-style-type: none"> - Matters not mentioned in the commodity description form shall be governed by general purchasing contract standards (물품구매계약일반조건), and shall be applied through mutual agreement if separate matters arise after the contract. - The free defect maintenance period shall be one year from the inspection date after delivery completion. - All measures necessary for delivery and installation shall be carried out by the supplier.

The State University of New York, Korea