



Republic of the Philippines
Department of Environment and Natural Resources

FOREST MANAGEMENT BUREAU

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MEMORANDUM

FOR : All Regional Executive Directors

FROM : The Assistant Secretary for Policy, Planning and Foreign Assisted and Special Projects and, Director, in concurrent capacity

SUBJECT : **RECOMMENDED MINIMUM SPECIFICATIONS OF THE LAPTOP COMPUTER FOR THE IMPLEMENTATION OF THE ENHANCED NATIONAL GREENING PROGRAM (ENGP) FOR FY 2022**

DATE : **NOV 05 2021**

We are respectfully forwarding herewith the attached recommended minimum specifications of the laptop computer to be procured in support of the implementation of Enhanced National Greening Program (ENGP) for FY 2022. The recommended device is a laptop computer with a processor suitable for heavy task programs, an ample storage capacity that can store geographical data, and high-quality graphics processing unit for lag-free map rendering.

FOR YOUR INFORMATION, PLEASE.


MARCIAL C. AMARO, JR., CESO III

Copy furnished:

The Undersecretary for Field Operations and Environment

LAPTOP SPECS	
Operating System	Windows 10
Processor	AMD Ryzen 7 5800HS
Graphics	NVIDIA® GeForce RTX™ 3060
	With Boost up to 1382MHz at 60W
	80W with Dynamic Boost
	GPU
	6GB GDDR6
Display	14-inch
	QHD (2560 x 1440) 16:9
	anti-glare display
	DCI-P3:100%
	Refresh Rate:120Hz
	IPS-level
	Pantone Validated
Memory	16GB (8GB x2) RAM
Storage	1TB M.2 NVMe™ PCIe® 3.0 SSD
I/O Ports	1x 3.5mm Combo Audio Jack
	1x HDMI 2.0b
	1x USB 3.2 Gen 2 Type-C
	2x USB 3.2 Gen 1 Type-A
	1x USB 3.2 Gen 2 Type-C support
	DisplayPort™ / power delivery / G-SYNC
Keyboard and Touchpad	Backlit Chiclet Keyboard
	Touchpad
Camera	FHD 1080P@60FPS external camera
Audio	Smart Amp Technology
	Dolby Atmos
	AI noise-canceling technology
	Built-in array microphone
	2x 0.7W tweeter
	2x 2.5W speaker with Smart Amp Technology
Network and Communication	Wi-Fi 6(802.11ax)+Bluetooth 5.1 (Dual band) 2*2;(*BT version may change with OS upgrades.)
Battery	76WHrs, 4S1P, 4-cell Li-ion
Power Supply	ø6.0, 180W AC Adapter, Output: 20V DC, 9A, 180W, Input: 100~240V AC, 50/60Hz universal
	TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC 50/60Hz universal
Device Lighting	AniMe Matrix
Weight	1.70kg
Dimensions (WxDxH)	32.4 x 22.2 x 1.99 ~ 1.99 cm (12.76" x 8.74" x 0.78" ~ 0.78")
MS Office	Included
Security	BIOS Administrator Password and User Password Protection Kensington Security Slot™ FingerPrint: YES