



**Standard Technical Specifications for
Desktop Computers**

Name of Equipment: DESKTOP COMPUTER for Applications Use

Description: For Applications Use

Main Equipment Components		Specification
Computer		
<i>Processor & Chipset</i>		Core-i5 (13th Gen) or its equivalent, minimum of 14-cores
<i>Internal Memory</i>		16GB DDR4
<i>Storage</i>		1TB 7200RPM HDD + 512GB SSD
<i>Display & Graphics</i>		21-inch Diagonal Full High-Definition Wide Screen or Wide Viewing Angle IPS Display (same brand as CPU); Integrated graphics memory
<i>Audio</i>		Integrated Sound Card with internal/external speaker
<i>Expansion Slot</i>		4 slots on-board, at least 1 PCI Express slot
<i>I/O Ports</i>		Minimum of 6 USB slots (at most 1 Type-C), HDMI/Display Port, Audio Port, Ethernet (RJ-45)
<i>Network Interface</i>		Integrated Gigabit Ethernet
<i>Casing</i>		Two (2) external drive bays
Software		
<i>Operating System</i>		Licensed OEM Windows 11 Professional 64-bit with media installer. Must be activated with Microsoft prior to delivery.
<i>Recovery Media</i>		All drivers and utilities must be stored in any electronic storage media. It must be properly labeled and virus-free.
<i>Office Software</i>		Microsoft Office Standard (latest version) under Cloud Solution Provider (CSP) Agreement. The licenses must be perpetual and transferable. It must be licensed and named after the DPWH and can be added to the Department's existing tenant domain dpwhgovph.onmicrosoft.com and primary domain dpwh.gov.ph. The Supplier must present a certificate as a Certified CSP Direct Partner in the Philippines.
Accessories		Specification
<i>Keyboard</i>		Manufacturer's Standard (same brand as the computer)
<i>Mouse</i>		Optical with a mouse pad (same brand as the computer)
<i>Webcam</i>		2MP FHD
<i>Headset</i>		Headset with Microphone (1-meter cable length, with noise cancellation feature, audio jack/usb connections type. Must be compatible with the offered desktop)
<i>Power Supply</i>		Manufacturer's Standard
<i>Cables and Connectors</i>		All necessary cables and connectors; patch cord (CAT6, factory crimped with RJ-45 connector, 5 meters, preferably color orange).
Other Requirements:		
Brand and Model: Must be globally recognized brand of computers and has been marketed in the Philippines for the last ten (10) years. It must be in the current catalog and not end-of-life. The Manufacturer's certificate is required.		
Components: All Components must be the same brand as the computer (except for the webcam, and headset) and manufacturer installed. The supplier is not allowed to change or add any components to the equipment.		



**Standard Technical Specifications for
Desktop Computers**

Name of Equipment: DESKTOP COMPUTER for Applications Use

Description: For Applications Use

Regulatory: ENERGY STAR certified (with Energy Star Stamp). For Desktop Computers that do not carry an Energy Star label, an appropriate means of proof of Energy consumption levels shall be submitted such as a technical dossier of the manufacturer or a test report from a recognized body to demonstrate compliance with this requirement.

Documentation and Media: All equipment shall be supplied with standard manufacturer documentation, on any electronic storage media and hard copy version where available.

Warranty and Maintenance: The Supplier must provide a 1-year warranty on all parts including mouse, headset with microphone, and associated software and onsite labor from the Date of the Inspection and Acceptance Report (IAR).

Technical Support: The local technical support shall include telephone and email, 8 hours per day (8:00 am - 5:00 pm) 5 days a week (Monday - Friday) for problem resolution. Support shall have a response time of the next business day.

Additional Notes:

The UPS (650VA) shall be issued in bundle with the Desktop Computer for Applications Use tech specs. This technical specification shall be issued along with the Certification issued by IMS.

Prepared by:

Checked by:


MARY JANE N. PANTOJA

Chief, Business Innovation Division

KFA WFC


RHALF B. CAWALING

Director, Information Management Service

Approved by:


ADOR G. CANLAS, CESO IV

Undersecretary, Technical Services
and Information Management Service

Approved Date: 10 16 24



Name of Equipment: DESKTOP COMPUTER for Administrative Use

Description: For Administrative Use

Main Equipment Components

Specification

Computer

Processor & Chipset

Core-i3 (13th Gen) or its equivalent, minimum of 4-cores

Internal Memory

8GB DDR4

Storage

512GB SSD

Display & Graphics

21-inch Diagonal Full High-Definition Wide Screen or Wide Viewing Angle IPS Display (same brand as CPU); Integrated graphics memory

Audio

Integrated Sound Card with internal/external speaker

Expansion Slot

4 slots on-board, at least 1 PCI Express slot

I/O Ports

Minimum of 6 USB slots (at most 1 Type-C), HDMI/Display Port, Audio Port, Ethernet (RJ-45)

Network Interface

Integrated Gigabit Ethernet

Casing

Two (2) external drive bays

Software

Operating System

Licensed OEM Windows 11 Professional 64-bit with media installer. Must be activated with Microsoft prior to delivery.

Recovery Media

All drivers and utilities must be stored in any electronic storage media. It must be properly labeled and virus-free.

Office Software

Microsoft Office Standard (latest version) under Cloud Solution Provider (CSP) Agreement. The licenses must be perpetual and transferable. It must be licensed and named after the DPWH and can be added to the Department's existing tenant domain dpwhgovph.onmicrosoft.com and primary domain dpwh.gov.ph. The Supplier must present a certificate as a Certified CSP Direct Partner in the Philippines.

Accessories

Specification

Keyboard

Manufacturer's Standard (same brand as the computer)

Mouse

Optical with a mouse pad (same brand as the computer)

Webcam

2MP FHD

Headset

Headset with Microphone (1-meter cable length, with noise cancellation feature, audio jack/USB connections type. Must be compatible with the offered desktop)

Power Supply

Manufacturer's Standard

Cables and Connectors

All necessary cables and connectors; patch cord (CAT6, factory crimped with RJ-45 connector, 5 meters, preferably color orange).

Other Requirements:

Brand and Model: Must be globally recognized brand of computers and has been marketed in the Philippines for the last ten (10) years. It must be in the current catalog and not end-of-life. The Manufacturer's certificate is required.

Components: All Components must be the same brand as the computer (except for the webcam, and headset) and manufacturer installed. The supplier is not allowed to change or add any components to the equipment.



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Desktop Computers**

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Name of Equipment: DESKTOP COMPUTER for Administrative Use

Description: For Administrative Use

Regulatory: ENERGY STAR certified (with Energy Star Stamp). For Desktop Computers that do not carry an Energy Star label, an appropriate means of proof of Energy consumption levels shall be submitted such as a technical dossier of the manufacturer or a test report from a recognized body to demonstrate compliance with this requirement.

Documentation and Media: All equipment shall be supplied with standard manufacturer documentation, on any electronic storage media and hard copy version where available.

Warranty and Maintenance: The Supplier must provide a 1-year warranty on all parts including mouse, headset with microphone, and associated software and onsite labor from the Date of the Inspection and Acceptance Report (IAR).

Technical Support: The local technical support shall include telephone and email, 8 hours per day (8:00 am - 5:00 pm) 5 days a week (Monday - Friday) for problem resolution. Support shall have a response time of the next business day.

Additional Notes:

The UPS (650VA) shall be issued in bundle with the Desktop Computer for Administrative Use tech specs. This technical specification shall be issued along with the Certification issued by IMS.

Prepared by:

Checked by:


MARY JANE N. PANTOJA

Chief, Business Innovation Division

ERR

hfc


RHALF B. CAWALING

Director, Information Management Service

Approved by:


ADOR G. CANLAS, CESO IV
Undersecretary, Technical Services
and Information Management Service

Approved Date: 10 16 24



**Standard Technical Specifications for
Laptop Computers**

Name of Equipment: LAPTOP COMPUTER for Administrative Use

Description: For Administrative Use

Main Equipment Components		Specification
Laptop		
<i>Processor & Chipset</i>		Core-i3 (13th Gen) or its equivalent, minimum of 6-cores
<i>Internal Memory</i>		8GB DDR4 16GB
<i>Storage</i>		512GB SSD + 1TB
<i>Display & Graphics</i>		14" Diagonal Full High-Definition Wide Screen Display with integrated graphics memory
<i>Audio</i>		Integrated high-definition audio support, integrated speakers and integrated digital microphone.
<i>Webcam</i>		Integrated widescreen HD
<i>I/O Ports</i>		3 USB (2 Type-A and 1 Type-C), HDMI/DisplayPort, Audio Port, Ethernet (RJ-45)
<i>Network Interface</i>		Bluetooth, wireless LAN (auto detecting and auto sensing), Gigabit Ethernet
<i>Weight</i>		not more than 1.78 kg / 3.95 lbs.
Software		
<i>Operating System</i>		Licensed OEM Windows 11 Professional 64-bit with media installer. Must be activated with Microsoft prior to delivery.
<i>Recovery Media</i>		All drivers and utilities must be stored in any electronic storage media. It must be properly labelled and virus free.
<i>Office Software</i>		Microsoft Office Standard (latest version) under Cloud Solution Provider (CSP) Agreement. The licenses must be perpetual and transferable. It must be licensed and named after the DPWH and can be added to the Department's existing tenant domain dpwhgovph.onmicrosoft.com and primary domain dpwh.gov.ph. The Supplier must present a certificate as a Certified CSP Direct Partner in the Philippines.
Accessories		Specification
<i>Mouse</i>		Optical with mouse pad (same brand as the laptop)
<i>Carry Case</i>		Manufacturer's Standard
<i>Cable Adapter</i>		Gigabit Ethernet Cable Adapter (for laptop models without ethernet port)
<i>Headset</i>		Headset with Microphone (1-meter cable length, with noise cancellation feature, audio jack/USB connections type. Must be compatible with the offered laptop)

Other Requirements:

Brand and Model: Must be globally recognized brand of computers and has been marketed in the Philippines for the last ten (10) years. It must be in the current catalog and not end-of-life. The Manufacturer's certificate is required.

Components: All components must be the same brand as the laptop and factory installed and new. The Supplier is not allowed to change or add any components to the equipment.

Regulatory: ENERGY STAR certified (with Energy Star Stamp). For Laptops that do not carry an Energy Star label, an appropriate means of proof of Energy consumption levels shall be submitted such as a technical dossier of the manufacturer or a test report from a recognized body to demonstrate compliance with this requirement.



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**Standard Technical Specifications for
Laptop Computers**

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Name of Equipment: LAPTOP COMPUTER for Administrative Use

Description: For Administrative Use

Documentation and Media: All equipment shall be supplied with standard manufacturer documentation, on any electronic storage media and hard copy version where available.

Warranty and Maintenance: The Supplier must provide a 1-year warranty on all parts including mouse, headset with microphone, and associated software and onsite labor from the Date of the Inspection and Acceptance Report (IAR).

In any case that the laptop needs to be pullout for servicing, the Supplier must return the unit within two (2) weeks or a service unit with the same or higher specifications must be issued.

Technical Support: The local technical support shall include telephone and email, 8 hours per day (8:00am - 5:00pm) 5 days a week (Monday - Friday) for problem resolution. Support shall have a response time of next business day.

Additional Notes:

This technical specification shall be issued along with the Certification issued by IMS.


Prepared by:

Checked by:


MARY JANE N. PANTOJA
Chief, Business Innovation Division


RHALF B. CAWALING
Director, Information Management Service

Approved by:


ADOR G. CANLAS, CESO IV
Undersecretary, Technical Services
and Information Management Service

Approved Date: 10 16 24



Name of Equipment: MULTIFUNCTION INKJET PRINTER (A4)

Description: For daily document printing, copying and scanning

Main Equipment Components

Specification

General

<i>Print Technology</i>	Inkjet (Color)
<i>Print Speed</i>	Draft: 30 ppm or ISO: 17 ipm ; speed measured using A4/Letter size paper
<i>Print Quality</i>	600 x 600 dpi
<i>Copy Speed</i>	Draft: 11.5 cpm or ISO: 5.5 ipm; speed measured using A4/Letter size paper
<i>Scan Resolution</i>	1200 dpi
<i>Scan Features</i>	Multi-sheet scan to single PDF file; Scan to Network Folder; Scan to USB/Memory Device
<i>Scan Type</i>	Flatbed and ADF
<i>Duty Cycle</i>	5,000 pages per month
<i>Memory</i>	N/A
<i>Ink/Toner System</i>	Continuous Ink Supply System or Ink Tank System (original or built-in); Refill must be available nationwide. Certificate of Authenticity is required.
<i>Network Interface</i>	Fast Ethernet
<i>IO Ports</i>	USB 2.0 (Type A); Ethernet (RJ-45)

Paper Handling

<i>Duplex Printing</i>	Automatic two-sided printing
<i>Paper Trays</i>	Two Trays; Standard Input tray (250 sheets), Multi-purpose tray (100 sheets)
<i>Maximum Media Size</i>	Legal (8.5in x 14in)
<i>Media Type</i>	Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, photo, brochures.

Software

<i>Supported OS</i>	Windows 11, 10 (32-bit and 64-bit)
<i>Drivers</i>	Original CD/DVD copy or in any electronic media storage. Must be compatible with 32-bit and 64-bit operating system.

Accessories

Specification

<i>Ink/Toner Cartridge</i>	Pre-installed ink tanks with an additional three (3) standard ink refill bottles per color.
<i>Cables and Connectors</i>	All necessary cables and connectors; patch cable (CAT6, factory crimped with RJ-45 connector, 5 meters, preferably color orange).

Other Requirements:

Brand and Model: Must be globally recognized brand of printers and has been marketed in the Philippines for the last ten (10) years. It must be in the current catalog and not end-of-life. The Manufacturer's certificate is required.

Regulatory: ENERGY STAR certified (with Energy Star Stamp). For printers that do not carry Energy Star label, an appropriate means of proof of Energy consumption level shall be submitted such as technical dossier of the manufacturer or attest report from a recognized body to demonstrate compliance with this requirement.



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**Standard Technical Specifications for
Printers**

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Name of Equipment: MULTIFUNCTION INKJET PRINTER (A4)

Description: For daily document printing, copying and scanning

Warranty and Maintenance: The Supplier must provide a one (1) year warranty for parts and onsite labor from the date of the Inspection and Acceptance Report (IAR).

Technical Support: The local technical support through telephone and email, 8 hours per day (8:00 am - 5:00 pm), 5 days a week (Monday - Friday) for problem resolution. Support shall have a response time of next business day.

Additional Notes: This technical specification shall be issued along with the Certification issued by IMS.

Prepared by:

MARY JANE N. PANTOJA
Chief, Business Innovation Division
Agd WFC

Checked by:

RHALF B. CAWALING
Director, Information Management Service

Approved by:

ADOR G. CANLAS, CESO IV
Undersecretary Technical Services
and Information Management Service

Approved Date: 10 16 24



**Standard Technical Specifications for
Uninterruptible Power Supply**

Name of Equipment: UPS (1000VA) for Desktop Computer (Specialized Application Use)

Description: Continuous power supply and data loss prevention

Main Equipment Components

Specification

Power Ratings

1000VA/600W
230V - Input/Output Voltage
10 minutes back-up power at half load
8 hours recharge time

IO Ports

No IO port requirement

Outlets

4 power output/connectors

Features

Built-in Automatic Voltage Regulator (AVR), Automatic Self-Test (built-in), Alarms (Online, on battery, replacement battery, and overload)

Software

Management Software

No management software requirement.

Accessories

Specification

Cables and Connectors

All necessary cables and connectors.

Other Requirements:

Brand and Model: Must be globally recognized brand of UPS and has been marketed in the Philippines for the last five (5) years. It must be in the current catalog and not end-of-life. The Manufacturer's certificate is required.

Documentation and Media: The equipment shall be supplied with standard manufacturer documentation, on any electronic storage media and hard copy version where available.

Warranty and Maintenance: The Supplier must provide a one (1) year warranty for parts and on-site labor from the date of the Inspection and Acceptance Report.

Technical Support: The local technical support shall include telephone and email, 8 hours per day (8:00 am - 5:00 pm) 5 days a week (Monday - Friday) for problem resolution. Support shall have a response time of next business day.

Additional Notes: This technical specification shall be issued along with the Certification issued by IMS.

Prepared by:

Checked by:


MARY JANE N. PANTOJA
Chief, Business Innovation Division


RHALF B. CAWALING
Director, Information Management Service

Approved by:


ADOR G. CANLAS, CESO IV
Undersecretary, Technical Services
and Information Management Service

Approved Date: 10 16 24