

REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF AGRICULTURE PHILIPPINE COCONUT AUTHORITY

Elliptical Road, Diliman, Quezon City 1101 Philippines Tel. Nos.: (02) 8928-4501 to 09 · Direct Line: (02) 8926-7631 Website: pca.gov.ph

Central Office Bids and Awards Committee SUPPLEMENTAL BID BULLETIN NO. 01

SUPPLY & DELIVERY OF VARIOUS ICT EQUIPMENT AND PERIPHERALS

Bidders are hereby notified of the clarifications, modifications, revisions and amendments to certain provisions of the Bid Documents particularly as published in the PhilGeps website. This shall form an integral part of the Bid Documents.

> SECTION I. INVITATION TO BID

FROM:

Lot No.	Qty	Item/ Description	Approved Budget for the Contract	Funding Source	Price of Bid Documents	Delivery Period
	58	LAPTOP	2,899,942.00		5,000.00	Defeate
1	2	PRINTER WITH SCANNER	30,000.00			
1	1	PAPER SHREDDER (HEAVY DUTY)	80,000.00	CFIDP		Refer to Section VI
	2	EXTERNAL HARD DRIVE	10,000.00			
	TOTAL		3,019,942.00			

TO:

Lot No.	O±v	Qty Item/ Description	Approved Budget for the	Funding	Price of Bid	Delivery
LOU NO.	Qty		Contract	Source	Documents	Period
	48	LAPTOP	2,399,952.00	CFIDP	5,000.00	Refer to Section VI
	31	PRINTER WITH	465,000.00			
1		SCANNER	403,000.00			
1	1	PAPER SHREDDER	79,000.00			
		(HEAVY DUTY)	75,000.00			
	15	EXTERNAL HARD DRIVE	75,000.00			
TOTAL		TOTAL	3,018,952.00			

> SECTION VII. TECHNICAL SPECIFICATIONS

	FROM		то		
A. TECHNICA	L SPECIFICATIONS		A. TECHNICAL SPECIFICATIONS		
ITEM	ITEM SPECIFICATION/S QUANTITY		ITEM	SPECIFICATION/S	QUANTITY
LAPTOP	 Processor: Intel® Core™ i5-12500H or equivalent Display: 15.6" FHD (1920 x 1080) OLED 	58	LAPTOP	 Processor: Intel® Core™ i5-12500H or equivalent Display: 15.6" FHD (1920 x 1080) OLED 	48
	 Memory: 16GB DDR4 on board Storage: 512GB M.2 NVMeTM PCIe[®] 3.0 SSD 			 Memory: 16GB DDR4 on board Storage: 512GB M.2 NVMeTM PCIe® 3.0 SSD 	

File GPU: Intel Iris Xe Graphics or equivalent		
□ OS: Windows 11 Home		
Home		
I/O Ports I/O		S: Latest OS
□ 1x USB 2.0 Type-A □ 1x USB 3.2 Gen 1 Type-A □ 2x Thunderbolt™ 4 supports display/power delivery □ 1x HDMI 2.1 TMDS □ 1x HDMI 2.1 TM		
□ 1x USB 3.2 Gen 1 Type-A □ 2x Thunderbolt™ 4 supports display/power delivery □ 1x HDMI 2.1 TMDS □ 1x 3.5mm Combo Audio Jack □ 1x 4.5mm Combo	☑ I/O Ports	☑ I/O Ports
Type-A □ 2x Thunderbolt™ 4 supports display/power delivery □ 1x HDMI 2.1 TMDS □ 1x HDMI 2.1 TMDS □ 1x 3.5mm Combo Audio Jack □ 1x Keyboard & Touchpad: Backlit Chiclet Keyboard with Num-key, 1.4mm Key-travel, Precision Touchpad □ Camera: 720p HD camera, With privacy shutter □ Audio □ Smart Amp Technology □ Built-in speaker □ Built-in speaker □ Built-in array microphone □ Harman/Kardon (Mainstream), with Cortana voice- recognition support □ Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2*+ Bluetooth* 5.3 Wireless Card □ Battery: 70 WHrs, 351P, 3-cell Li-ion □ Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	2 1x USB 2.0 Type-A	2 1x USB 2.0 Type-A
	2 1x USB 3.2 Gen 1	② 1x USB 3.2 Gen 1
supports display/power delivery	Type-A	Type-A
delivery	② 2x Thunderbolt™ 4	② 2x Thunderbolt™ 4
□ 1x HDMI 2.1 TMDS □ 1x 3.5mm Combo Audio Jack □ Keyboard & Touchpad: Backlit Chiclet Keyboard with Num-key, 1.4mm Key-travel, Precision Touchpad □ Camera: 720p HD camera, With privacy shutter □ Audio □ Smart Amp Technology □ Built-in speaker □ Harman/Kardon (Mainstream), with Cortana voice- recognition support □ Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth* 5.3 Wireless Card □ Battery: 70 WHrs, 351P, 3-cell Li-ion □ Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	supports display/power	supports display/power
□ 1x 3.5mm Combo Audio Jack □ Keyboard & Touchpad: Backlit Chiclet Keyboard with Num-key, 1.4mm Key-travel, Precision Touchpad □ Camera: 720p HD camera, With privacy shutter □ Audio □ Smart Amp Technology □ Built-in speaker □ Built-in array microphone □ Harman/Kardon (Mainstream), with Cortana voice- recognition support □ Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth* 5.3 Wireless Card □ Battery: 70 WHrs, 351P, 3-cell Li-ion □ Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	delivery	delivery
Audio Jack Audio Jack Audio Jack Bekkit Chiclet Keyboard & Touchpad: Backlit Chiclet Keyboard with Num-key, 1.4mm Key-travel, Precision Touchpad Precision Touchpad	2 1x HDMI 2.1 TMDS	2 1x HDMI 2.1 TMDS
Audio Jack Audio Jack Audio Jack Bekkit Chiclet Keyboard & Touchpad: Backlit Chiclet Keyboard with Num-key, 1.4mm Key-travel, Precision Touchpad Precision Touchpad	1v 2 Emm Combo	1v 2 Emm Combo
② Keyboard & Touchpad: Backlit Chiclet Keyboard with Num-key, 1.4mm Key-travel, Precision Touchpad		
Touchpad: Backlit Chiclet Keyboard with Num-key, 1.4mm Key-travel, Precision Touchpad Camera: 720p HD camera, With privacy shutter Audio Smart Amp Technology Built-in speaker Built-in speaker Built-in array microphone Harman/Kardon (Mainstream), with Cortana voice- recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth* 5.3 Wireless Card Built-in or Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth* 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC		
Keyboard with Num-key, 1.4mm Key-travel, Precision Touchpad © Camera: 720p HD camera, With privacy shutter © Audio © Smart Amp Technology © Built-in speaker © Built-in array microphone © Harman/Kardon (Mainstream), with Cortana voice- recognition support © Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth* 5.3 Wireless Card © Battery: 70 WHrs, 3S1P, 3-cell Li-ion © Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC		1
1.4mm Key-travel, Precision Touchpad Camera: 720p HD Camera: With privacy shutter		
Precision Touchpad Camera: 720p HD Camera: 720p HD Camera; With privacy shutter Audio Mainstream, with privacy shutter Mainstream, with privacy shutter Mainstream, with privacy shutter Mainstream, with precision Support Mainstream, with privacy shutter Mainstream, with precision Support Mainstream, with precision Suppo		
☐ Camera: 720p HD camera, With privacy shutter ☐ Audio ☐ Smart Amp ☐ Technology ☐ Built-in speaker ☐ Built-in array ☐ Microphone ☐ Harman/Kardon ☐ (Mainstream), with ☐ Cortana voice- ☐ recognition support ☐ Network and ☐ Communication: Wi-Fi 6 ☐ (802.11ax) (Dual band) ☐ 2*2 + Bluetooth® 5.3 ☐ Wireless Card ☐ Battery: 70 WHrs, ☐ 351P, 3-cell Li-ion ☐ Power Supply: ☐ TYPE-C, 90W AC Adapter, ☐ Output 20V DC, 4.5A, ☐ 90W, Input: 100~240V AC ☐ Madio ☐ Audio ☐ Smart Amp ☐ Technology ☐ Built-in speaker ☐ Built-in speaker ☐ Built-in array ☐ Built-in array ☐ microphone ☐ Harman/Kardon ☐ Mainstream), with ☐ Cortana voice recognition ☐ Support ☐ Network and ☐ Communication: Wi-Fi 6 ☐ (802.11ax) (Dual band) 2*2 ☐ + Bluetooth® 5.3 Wireless ☐ Card ☐ Battery: 70 WHrs, ☐ SS1P, 3-cell Li-ion ☐ Power Supply: ☐ TYPE-C, 90W AC Adapter, ☐ Output 20V DC, 4.5A, ☐ Output 20V DC, 4.5		· · · · · · · · · · · · · · · · · · ·
camera, With privacy shutter Audio Audio Smart Amp Technology Built-in speaker Built-in speaker Built-in array microphone Harman/Kardon (Mainstream), with Cortana voice-recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth* 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Smart Amp Audio Mainstream	Precision Touchpad	Precision Touchpad
shutter Audio Audio Smart Amp Technology Built-in speaker Built-in speaker Built-in array microphone Harman/Kardon (Mainstream), with Cortana voice-recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + 8 Buetooth* 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Smart Amp Technology Built-in speaker Built-in speaker Built-in array microphone Network and (Mainstream), with Cortana voice-recognition support Mainstream) with Cortana voice-recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + 8 Buetooth* 5.3 Wireless Card Power Supply: Type-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Input: 100~240V AC Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + 8 Buetooth* 5.3 Wireless Card Power Supply: Type-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Input: 100~240V AC Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + 8 Buetooth* 5.3 Wireless Card Power Supply: Type-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Input: 100~240V AC Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + 8 Buetooth* 5.3 Wireless Card Power Supply: Type-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + 8 Buetooth* 5.3 Wireless Card Power Supply: Type-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Network and Card and Data Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Network and Card and Data Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Network and Card and Data Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Network and Card and Data Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Network and Card and Data Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Network and Card and Data Adapter, Output 2	2 Camera: 720p HD	2 Camera: 720p HD
☐ Audio ☐ Smart Amp Technology ☐ Built-in speaker ☐ Built-in array microphone ☐ Harman/Kardon (Mainstream), with Cortana voice- recognition support ☐ Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card ☐ Battery: 70 WHrs, 3S1P, 3-cell Li-ion ☐ Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC ☐ Smart Amp Technology ☐ Built-in speaker ☐ Built-in speaker ☐ Built-in array microphone ☐ Harman/Kardon (Mainstream), with Cortana voice recognition support ☐ Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card ☐ Battery: 70 WHrs, 3S1P, 3-cell Li-ion ☐ Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	camera, With privacy	camera, With privacy
② Smart Amp Technology ② Built-in speaker ② Built-in array microphone ② Built-in array microphone ② Harman/Kardon (Mainstream), with Cortana voice-recognition support ② Metwork and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card ② Battery: 70 WHrs, 3S1P, 3-cell Li-ion ② Battery: 70 WHrs, 3S1P, 3-cell Li-ion ② Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC ② Power Supply, Input: 100~240V AC	shutter	
Technology Built-in speaker Built-in speaker Built-in array microphone Harman/Kardon (Mainstream), with Cortana voice- recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Bower Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	2 Audio	2 Audio
Built-in speaker Built-in speaker Built-in array microphone Harman/Kardon (Mainstream), with Cortana voice- recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 351P, 3-cell Li-ion Bower Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	☑ Smart Amp	· ·
☐ Built-in array microphone ☐ Harman/Kardon (Mainstream), with Cortana voice-recognition support ☐ Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card ☐ Battery: 70 WHrs, 3S1P, 3-cell Li-ion ☐ Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC ☐ Built-in array microphone ☐ Built-in array microphone ☐ Harman/Kardon (Mainstream), with Cortana voice-recognition support ☐ Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card ☐ Battery: 70 WHrs, 3S1P, 3-cell Li-ion ☐ Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC		
microphone Harman/Kardon (Mainstream), with Cortana voice- recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Mainstream), with Cortana voice-recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	Built-in speaker	Built-in speaker
② Harman/Kardon (Mainstream), with Cortana voice-recognition support ② Metwork and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card ② Battery: 70 WHrs, 3S1P, 3-cell Li-ion ② Battery: 70 WHrs, 3S1P, 3-cell Li-ion ② Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC ② Utput 20V DC, 4.5A, 90W, Input: 100~240V AC	☑ Built-in array	Built-in array
(Mainstream), with Cortana voice- recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	microphone	microphone
Cortana voice- recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Cortana voice recognition Cortana voice recognition Support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card District Support Card	Parman/Kardon	? Harman/Kardon
recognition support Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	(Mainstream), with	(Mainstream), with
☑ Network and Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card② Battery: 70 WHrs, 3S1P, 3-cell Li-ion② Battery: 70 WHrs, 3S1P, 3-cell Li-ion☑ Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC② Power Supply: C, 90W AC Adapter, Output 20V DC, 4.5A, Input: 100~240V AC	Cortana voice-	Cortana voice-recognition
Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Communication: Wi-Fi 6 (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE- C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	recognition support	support
(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC (802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE- C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	2 Network and	2 Network and
2*2 + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC + Bluetooth® 5.3 Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE- C, 90W AC Adapter, Output 20V DC, 4.5A, Input: 100~240V AC	Communication: Wi-Fi 6	Communication: Wi-Fi 6
Wireless Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Card Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE- C, 90W AC Adapter, Output 20V DC, 4.5A, Input: 100~240V AC	(802.11ax) (Dual band)	(802.11ax) (Dual band) 2*2
Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Battery: 70 WHrs, 3S1P, 3-cell Li-ion Power Supply: TYPE- C, 90W AC Adapter, Output 20V DC, 4.5A, Input: 100~240V AC	2*2 + Bluetooth® 5.3	+ Bluetooth® 5.3 Wireless
3S1P, 3-cell Li-ion Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC 3S1P, 3-cell Li-ion Power Supply: TYPE- C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	Wireless Card	Card
Power Supply: TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC Power Supply: TYPE- C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	Battery: 70 WHrs,	Battery: 70 WHrs,
TYPE-C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC C, 90W AC Adapter, Output 20V DC, 4.5A, 90W, Input: 100~240V AC	3S1P, 3-cell Li-ion	3S1P, 3-cell Li-ion
Output 20V DC, 4.5A, 90W, Input: 100~240V AC Output 20V DC, 4.5A, 90W, Input: 100~240V AC	Power Supply:	Power Supply: TYPE-
90W, Input: 100~240V AC Input: 100~240V AC	TYPE-C, 90W AC Adapter,	C, 90W AC Adapter,
50/60Hz universal 50/60Hz universal		'
	50/60Hz universal	50/60Hz universal

	Weight: 1.80 kg (3.97 lbs)	
	Dimensions (W x D	
	x H): 35.98 x 23.29 x 1.89	
	~ 1.89 cm (14.17" x 9.17"	
	x 0.74" ~ 0.74')	

── Weight: 1.80 kg	
(3.97 lbs)	
Dimensions (W x D x	
H): 35.98 x 23.29 x 1.89 ~	
1.89 cm (14.17" x 9.17" x	
0.74" ~ 0.74')	

ITEM	SPECIFICATION/S	QUANTITY
PRINTER	Print	2
WITH		
SCANNER		
	? Number of Nozzles:	
	Total 1,472 nozzles	
	Ink Bottles	
	(Type/Colors): Pigment	
	Ink/Black, Dye-Based	
	Ink/Cyan, Magenta,	
	Yellow)	
	Maximum Print	
	Resolution: 4,800	
	(horizontal) x 1,200	
	(vertical) dpi	
	Print Speed	
	(Approx): Document	
	(ESAT/Simplex) – 8.8/5	
	ipm (mono/color),	
	Document (FPOT	
	Ready/Simplex) – 11/17	
	sec (mono/color), Photo	
	(4 x 6) (PP-	
	201/Borderless) – 60 sec	
	Print Width:	
	Bordered – Up to	
	203.2mm (8"), Borderless	
	- Up to 216mm (8.5")	
	? Recommended	
	Printing Area: Top margin	
	– 31.2mm, Bottom	
	margin – 32.5mm	
	Scan	
	Scanner Type:	
	Flatbed (ADF/Platen)	
	② Scanner	
	Technology: Contact	
	Image Sensor (CIS)	

ITEM	SPECIFICATION/S	QUANTITY
PRINTER WITH SCANNER	 Tank Type Printer FUNCTIONS: Print, copy, scan, fax, ADF, wireless 	31
	 PRINT SPEED BLACK: ISO: Up to 11 ppm
Draft: Up to 22 ppm 	
	• PRINT SPEED BLACK (ISO, A4): Up to 11 ppm	
	 PRINT SPEED COLOR: Normal: Up to 5 ppm [5] 	
	 FIRST PAGE OUT (READY): Black: As fast as 14 sec 	
	DUTY CYCLE (MONTHLY, A4): Up to 1000 pages	
	RECOMMENDED MONTHLY PAGE VOLUME: 400 to 800	
	 PRINT TECHNOLOGY: HP Thermal Inkjet 	
	PRINT QUALITY BLACK (BEST): Black: Up to 1200 x 1200 rendered dpi Color: Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)	
	• PROCESSOR SPEED: 1.2 GHz	
	 NUMBER OF PRINT CARTRIDGES: 4 (1 each black bottle, set of 3 color bottles) 	
	 WIRELESS CAPABILITY: Yes, built-in dual band Wi-Fi 802.11b/g/n, Wireless direct, BLE 	

Optical Resolution:	
600 x 1,200 dpi	
Scanning Bit Depth	
(Input/Output): Greyscale	
– 16 bit / 8 bit, Color – 48	
bit / 24 bit (RGB each 16	
bit / 8 bit)	
Maximum	
Document Size: Flatbed –	
A4, LTR; ADF – A4, LTR,	
Legal	
Legai	
Сору	
? Copy Speed	
(Approx): Document	
(Color) – 24 sec / 3.5 ipm,	
Document (ADF) – 8 / 2.5	
ipm	
Maximum Copies:	
99 pages	
② Maximum	
Document Size: Flatbed –	
A4, LTR; ADF – A4, LTR,	
LGL	
Fax	
Type: Desktop	
Transceiver (Super	
G3/Color	
Communication)	
Transmission: Mono	
– 3 sec, Color – 1 min	
Modem Speed: Max	
33.6 kbps (Automatic fall	
back)	
Compression: Mono	
– MH, MR, MMR; Color –	
JPEG	
Gradation: Mono –	
256 levels, Color – 24-bit	
Full Color (RGB each 8-	
bit)	
· ·	
ECM (Error Correction Mode): ITLL T	
Correction Mode): ITU-T	
T.30 compatible	
Automatic Dialing:	
Group Dialing – Max 19	
locations	
?	
Transmission/Reception	
Memory: Approx 50	

- CONNECTIVITY, STANDARD: Hi-Speed USB 2.0, WiFi, Bluetooth LE
- SCANNER TYPE: Flatbed, ADF (optional)
- SCAN FILE FORMAT: JPEG, TIFF, PDF, BMP, PNG
- SCAN RESOLUTION, OPTICAL: Up to 1200 dpi
- BIT DEPTH: 24-bit
- SCAN SIZE, MAXIMUM: 216 x 297 mm
- AUTOMATIC DOCUMENT FEEDER CAPACITY: Standard, Up to 35 sheets
- FILE FORMAT SUPPORTED: BMP; PDF; JPG; PNG; TIF
- COPY RESOLUTION: Up to 600 dpi
- COPIES, MAXIMUM: Up to 99 copies
- FAXING: Yes, color
- FAX TRANSMISSION
 SPEED: 33.6 kbps Based
 on standard ITU-T test
 image #1 at standard
 resolution.

pages
 -
10 11 11
 Paper Handling
Print Margin:
Borderless Printing –
Top/Bottom/Left/Right
0mm, Bordered Printing –
LTR, LGL 3mm (top), 5mm
(bottom), 6.4mm (left),
6.3 (right); Others – 3mm
(top), 5mm (bottom),
3.4mm (left/right)
Supported Media
(Rear Tray): Plain Paper
(64-105 g/m²), High
Resolution Paper (HR-
101N), Photo Paper Plus
Glossy II (PP-201, PP-208),
Photo Paper Pro Luster
(LU-101), Photo Paper
Plus Semi-Gloss (SG-201),
Matte Photo Paper (MP-
101), Envelope
 Paper Size: Rear
Tray – A4, A5, B5, LTR,
LGL, Envelope, 4x6", 5x7",
8x10", Square
(127x127mm), Business
Card; Borderless Printing
– A4, LTR, 4x6", 5x7",
8x10", Square
(127x127mm), Business
 Card
Maximum Capacity: Dans Trans. Plain Research
Rear Tray – Plain Paper
100; High Resolution
Paper 80, Photo Paper
Plus Glossy II 20, Photo
Paper Plus Semi-Gloss 10,
Matte Photo Paper 20,
Envelope 10; ADF – Plain
Paper (A4, LTR) 20, Plain
Paper (LGL) 5
Paper Weight (Rear
Tray): Plain Paper – 64-
105 g/m ²
 Network
 Protocol: TCP/IP

GHz, Supported Channels	
1-13, WEP 64/128 bit	
Direct Connection	
(Wireless LAN): Available	
(AP Mode only)	
System Requirements	
,	
Compatibility: Windows	
10 / 8.1 / 7 SP1, macOS	
10.12 or later, Chrome OS	
General Specifications	
② Operation Panel	
(Display): 2-Line LCD	
Operating Fnyironment:	
Environment:	
Temperature – 5-35°C,	
Humidity – 10-90% RH	
Recommended Fourteement:	
Environment:	
Temperature – 15-30°C,	
Humidity – 10-80% RH	
Storage Storage	
Environment:	
Temperature – 0-40°C,	
Humidity – 5-95% RH	
② Quiet Mode:	
Available	
Acoustic Noise:	
Plain Paper – 53.5 dB(A)	
Power AC 100	
Requirements: AC 100 –	
240 V, 50/60 Hz	
Power Consumption	
(Approx): OFF – 0.2W,	
Standby – 0.9W,	
Operation – 10W	
Dimensions	
(WxDxH): Factory	
Configuration – 445 x 330	
x 197 mm, Output/ADF	
Trays Extended – 445 x	
526 x 249mm	
☑ Weight: 7.3 kg	
0 10 10	
Paper Yield	
Plain Paper (A4	
Color Documents): GI-790	

PGBK – 6,000; GI-790 C, M, Y – 7,000					
Photo Paper (4x6					
photos): GI-79	0 C, M, Y –				
2,000					
ITEM	QUANTITY		ITEM	QUANTITY	
2 EXTERNAL HARD DRIVE			EXTERNAL HARD DRIVE	15	

MARK ROY O MACANLALAY
Chairman, Bids and Awards Committee
PCA Central Office