

Texas Department of Information Resources

# Hardware Bulk Purchase Initiative

Fiscal Year 2019 – Fiscal Year 2020

HP Inc.: DIR-TSO-4159

DIR Bulk Purchase Initiative #BP2019-17

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## Summary

The Department of Information Resources (DIR) is pleased to announce the bulk purchase/lease of personal computers, laptops, tablets, monitors, peripherals, accessories, and related services. By tapping into our existing contractual vehicles through our Cooperative Contracts program, DIR anticipates a much-shortened procurement process for customers. In addition, state agencies may participate in the hardware bulk purchase initiative without being constrained by dollar thresholds.

DIR has concluded vendor negotiations and customers may now issue purchase orders. The time period for placing orders will cross fiscal years, so agencies will be able to use either Fiscal Year 2019 or Fiscal Year 2020 dollars toward these purchases through December 31, 2019.

The following sections list configurations for desktops, laptops, tablets, monitors, accessories and related services. HP Inc. built into the base price for each configuration 3/3/3 (material/labor/onsite) warranty. If needed, DIR customers may upgrade this service as listed in the Available Add-On items for listed configurations. Also included in this document are the specifications related to items listed.

## Instructions for ordering

There is no minimum order quantity under the bulk purchase. Regardless of the number of items purchased, each customer will pay the same, discounted, unit price for items including but not limited to laptop, desktop, tablets, monitors, accessories, and related services listed in the following sections.

To obtain a quote at bulk purchase prices contact Zach Tierney at [zachary.tierney@hp.com](mailto:zachary.tierney@hp.com). Please indicate that you are participating in DIR's hardware Bulk Purchase Initiative. The bulk purchase pricing is a direct only route to market with HP, purchase orders are placed with HP.

Once ready to order, please include the DIR contract number ([DIR-TSO-4159](#)) on your purchase order (PO) as well as the following statement, "**DIR Bulk Purchase Initiative BP2019-17.**" Please submit your PO directly to HP or the reseller, and forward a copy of your PO to [bulk.purchase@dir.texas.gov](mailto:bulk.purchase@dir.texas.gov).

Please note: In accordance with Texas Government Code 2157.068, state agencies making purchases under DIR Bulk Purchase Agreements are not bound by competitive requirements or dollar thresholds otherwise required when making IT commodity purchases for hardware, software, and technology services. If the state agency is unable to utilize the options provided under a DIR Bulk Purchase Agreement, the state agency must follow dollar threshold and competitive requirements. For more information on threshold requirements please visit DIR's web page, [Procurement Thresholds](#).

## DIR Contact Information

For questions regarding the DIR's Bulk Purchase Initiative, please contact:

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Director, Cooperative Contracts  
[Kelly.Parker@dir.texas.gov](mailto:Kelly.Parker@dir.texas.gov) | o: 512.475.1647

## Desktop Configurations and Pricing

### Standard Use Desktop

This category is intended for the stationary worker and will meet a wide range of user requirements from occasional users to call center operators to case workers to researchers and knowledge workers. It offers capacity and resources needed to do the job for DIR's customer workforce. All-in-one configurations are also included in this category.

Standard Desktop				
	Model #	MSRP	Bulk Purchase Program Price	Brief Description
Value	400 G5 SFF	\$1,172.00	\$450.00	See Attached Quote
Midrange	400 G5 SFF	\$1,469.00	\$587.00	See Attached Quote
Performance	Z2 G4 SFF	\$2,042.00	\$932.00	See Attached Quote
Performance	Z4 G4 WKS	\$6,129.00	\$2,764.00	See Attached Quote

All-in-One Desktop				
	Model #	MSRP	Bulk Purchase Program Price	Brief Description
Midrange	EliteOne 800 AIO Non Touch	\$1,164.00	\$802.00	See Attached Quote
Midrange	EliteOne 800 AIO Touch	\$1,304.00	\$874.00	See Attached Quote

## Desktop Add-Ons

Available Add-Ons					
Category	Applies to Desktop Model #	Part #	MSRP	Bulk Purchase Program Price	Brief Description
Hard Drive Upgrade	400 G5 SFF	3WR76AV	\$139.00	\$45.00	128G M.2 2280 TLC SSD <b>See Attached Quote</b>
	400 G5 SFF	2ZY74AV	\$270.00	\$90.00	SSD 256GB SATA SED OPAL2 TLC <b>See Attached Quote</b>
	Z2 G4 SFF	2ZQ23AV	\$354.00	\$170.00	512GB 2.5in SATA SSD <b>See Attached Quote</b>
	Z4 G4 WKS	1JQ01AV	\$920.00	\$385.00	1TB 2.5in SATA SSD <b>See Attached Quote</b>
Memory Upgrade	400 G5 SFF	3LD93AV	\$180.00	\$64.00	8GB (1x8GB) DDR4 2666 DIMM <b>See Attached Quote</b>
	400 G5 SFF	3LD86AV	\$370.00	\$112.00	16GB (1x16GB) DDR4 2666 <b>See Attached Quote</b>
	Z2 G4 SFF	2ZP98AV	\$400.00	\$208.00	16GB (2x8GB) DDR4 2666 NECC <b>See Attached Quote</b>
Warranty	400 G5	UE332E	\$15.00	\$7.00	HP 3 Year Next Business Day Onsite Hardware Support w/ Defective Media Retention for Desktops <b>See Attached Quote</b>
	400 G5	UE333E	\$82.00	\$32.80	HP 4 Year Next Business Day Onsite Hardware Support w/ Defective Media Retention For Desktops <b>See Attached Quote</b>
	400 G5	UE334E	\$140.00	\$56.00	HP 5 Year Next Business Day Onsite Hardware Support w/ Defective Media Retention For Desktops <b>See Attached Quote</b>
	Z4 G4 / Z2 G4	U1G55E	\$24.00	\$10.50	HP 3 Year Next Business Day Onsite Hardware Support with Defective Media Retention for Workstation <b>See Attached Quote</b>
	Z4 G4 / Z2 G4	U1G56E	\$105.00	\$42.00	HP 4 Year Next Business Day Onsite Hardware Support

Available Add-Ons					
Category	Applies to Desktop Model #	Part #	MSRP	Bulk Purchase Program Price	Brief Description
					with Defective Media Retention for Workstation <b>See Attached Quote</b>
	Z4 G4 / Z2 G4	U1G57E	\$188.00	\$75.20	HP 5 Year Next Business Day Onsite Hardware Support with Defective Media Retention for Workstation <b>See Attached Quote</b>

## Laptop Configurations

### Standard Laptop

This category is intended for the mobile workforce. The processor and hard drive are optimized for extended battery life. This is someone who works outside the traditional office environment most of the time. These workers may use their laptops in a variety of non-office environments, including hotels, airports and customer sites.

Standard Laptop				
	Model #	MSRP	Bulk Purchase Program Price	Brief Description
Value	440 G6	\$1,110.00	\$475.00	<b>See Attached Quote</b>
Midrange	640 G4	\$1,486.00	\$677.00	<b>See Attached Quote</b>
Midrange	840 G5	\$2,512.00	\$920.00	<b>See Attached Quote</b>
Performance	1040 G5	\$3,307.00	\$1,250.00	<b>See Attached Quote</b>

### Convertible Tablet Laptop

This category is intended for mobile workers using pen-based applications. It is a laptop computer capable of taking input using a stylus or touch screen, or both.

<b>2-in-1 (Convertible) Tablet Laptop</b>				
	<b>Model #</b>	<b>MSRP</b>	<b>Bulk Purchase Program Price</b>	<b>Brief Description</b>
<b>Value</b>	Probook 11 X360 G4	\$1,534.00	\$640.00	<b>See Attached Quote</b>
<b>Standard</b>	Probook 440 x360 G4	\$1,749.00	\$718.00	<b>See Attached Quote</b>
<b>Performance</b>	1030 G3 x360	\$3,656.00	\$1,350.00	<b>See Attached Quote</b>

**Ruggedized Laptop**

This category is intended to operate reliably in harsh usage environments and conditions, such as strong vibrations, extreme temperatures and wet or dusty conditions. The laptop should have enough protection against every type of physical damage including drop, shock, water, dust, extreme temperature, and even magnetic fields. Not only it should withstand those forces, but it should be properly operable in those conditions as well.

<b>Ruggedized Laptop</b>				
	<b>Model #</b>	<b>MSRP</b>	<b>Bulk Purchase Program Price</b>	<b>Brief Description</b>
<b>Value</b>	A990216	\$1,349.00	\$983.14	<b>See Attached Quote</b>
<b>Midrange</b>	A995800	\$3,996.00	\$2,722.44	<b>See Attached Quote</b>
<b>Performance</b>	A997415	\$5,947.00	\$4,015.65	<b>See Attached Quote</b>

## Laptop Add-Ons

Available Add-Ons					
Suggested Category	Applies to Laptop Model #	Part #	MSRP	Bulk Purchase Program Upgrade Price	Brief Description
Memory Upgrade	440 G6	4SP58AV	\$370.00	\$112.00	See Attached Quote
	640 G4	2GM33AV	\$370.00	\$112.00	See Attached Quote
	Elitebook 840 G5	2FB05AV	\$370.00	\$112.00	See Attached Quote
Warranty	440 G6 /Probook x360 11 G2	UA6Z1E	\$274.00	\$109.00	HP 3 year Pickup and Return Hardware Support for Notebooks
	440 G6 /Probook x360 11 G2	UA6Z2E	\$386.00	\$154.40	HP 4 year Pickup and Return Hardware Support for Notebooks
	440 G6	UA6Z3E	\$536.00	\$214.00	HP 5 year Pickup and Return Hardware Support for Notebooks
	640 G4/840 G4/1040 G3/x360 1040 G5	UA7A3E	\$286.00	\$114.40	HP 3 Year Next Business Day Onsite Hardware Support with Defective Media Retention
	640 G4/840 G4/1040 G3/x360 1040 G5	UA7A4E	\$419.00	\$167.60	HP 4 Year Next Business Day Onsite Hardware Support with Defective Media Retention
	640 G4/840 G4/1040 G3/x360 1040 G5	UA7A5E	\$581.00	\$232.40	HP 5 Year Next Business Day Onsite Hardware Support with Defective Media Retention



## Tablet Configurations

### Standard Tablet

This category is extremely portable and can be easily stowed in a backpack or a briefcase. Tablets use a touchscreen as its primary input device, and may differ in size and storage capacity.

Standard Tablet				
	Model #	MSRP	Bulk Purchase Program Price	Brief Description
Standard	x2 612	\$2,148.00	\$879.00	See Attached Quote
Performance	X2 1012	\$3,426.00	\$1,394.00	See Attached Quote

## Monitors

Monitors attach to client computers, including desktops and laptops, and apply to all category use cases. Monitors may include soundbars.

### Touch Screen Monitors

Monitors - Touch Screen				
Size	Model #	MSRP	Bulk Purchase Program Price	Brief Description
23"	W2Z50AA	\$509.00	\$234.00	HP EliteDisplay E230t 23-in Touch MNT See Attached Quote

### Standard Monitors

Monitors - Standard				
Size	Model #	MSRP	Bulk Purchase Program Price	Brief Description
19	D2W67A8	\$129.00	\$115.00	HP Promo P19A 19-In LED Monitor
20	5RD65A8	\$109.00	\$91.00	HP P204 Monitor
20	M1F41A8	\$149.00	\$126.00	HP EliteDisplay E202 Monitor
22	3ML60AA	\$199.00	\$80.00	HP N223 Monitor

Monitors - Standard				
Size	Model #	MSRP	Bulk Purchase Program Price	Brief Description
22	X7R61A8	\$114.00	\$103.00	HP PROMO ProDisplay P223 21.5-inch Monit
22	5QG34A8	\$123.00	\$106.00	HP P224 Monitor
22	V9E67AA	\$259.00	\$114.00	HP VH22 Monitor
23	K7X31A8	\$149.00	\$125.00	HP PROMO ProDisplay P232 LEDBlt Monitor
24	1FH47A8	179.00	\$130.00	HP EliteDisplay E243 Monitor
34	V4G46A8	\$849.00	\$713.00	HP EliteDisplay S340c Monitor

## Accessories

The available accessories under the Bulk Purchase Initiative include but are not limited to the following list. DIR customers may contact HP on any accessories related to their purchase to receive bulk purchase discounts.

Accessories			
Description	Part #	MSRP	Bulk Purchase Program Price
HP USB-C Dock G4 Promo	3FF69UT	\$179.00	\$102.00
HP UltraSlim Docking Station	D9Y32UT	\$209.00	\$111.00
HP Slim USB Keyboard and Mouse	T6T83UT	\$29.00	\$27.00
HP Slim Wireless KB and Mouse	T6L04UT	\$65.00	\$40.00
HP Keyed Cable Lock 10mm	T1A62UT	\$32.00	\$20.00
Promo HP Docking Station Cable Lock	AU656UT	\$45.00	\$22.00
HP HDMI to VGA Adapter	H4F02UT	\$43.00	\$21.00
HP Display Port to VGA Adapter	F7W97AA	\$54.00	\$21.00
HP USB-C to VGA Adapter	N9K76UT	\$19.00	\$14.00
HP 14 Elite Notebook Portfolio Case	4SZ25UT	\$59.00	\$52.00

Accessories			
Description	Part #	MSRP	Bulk Purchase Program Price
HP 17.3 Business Roller Case	2SC68AA	\$129.00	\$67.00
HP Essential Top Load Case	H2W17UT	\$23.00	\$15.00
HP Evolution Plus Nylon Case	PE838A	\$43.00	\$18.00
HP Promo Evolution Checkpoint Friendly Case	BM147UT	\$80.00	\$41.00
HP Evolution Lite Nylon Case	PE837A	\$65.00	\$31.00
Ultra Nylon/Leather Computer Case	PA845A	\$79.00	\$46.00
HP ProBook x360 11 Case	1JS00UT	\$26.00	\$24.50
HP Black 11.6 Always On Case	2MY57UT	\$27.00	\$16.00
HP Black Always On 14.0 Case	3YF54UT	\$54.00	\$34.00
HP x2 1012 G2 Protective Case	1HM07UT	\$39.00	\$28.00
HP x2 612 G2 Rugged Case	Z7T26UT	\$54.00	\$33.00
HP USB-C to USB-C 100W Cable	5AR72AA	\$32.00	\$14.00
HP USB-C to USB-A Hub	Z6A00UT	\$35.00	\$19.00
HP USB-C to HDMI 2.0 Adapter Promo	1WC36UT	\$24.00	\$12.00
HP USB-C to USB 3.0 Adapter	N2Z63UT	\$29.00	\$15.00
HP USB-C to DisplayPort Adapter	N9K78UT	\$29.00	\$15.00
HP USB-C to RJ45 Adapter	V7W66UT	\$32.00	\$18.00
HP Elite12.5 Blk Leather Sleeve	2VY61UT	\$43.00	\$33.00
HP Elite13.3 Blk Leather Sleeve	2VY62UT	\$54.00	\$33.00
HP 13.3 Business Sleeve	2UW00UT	\$15.00	\$10.00

Accessories			
Description	Part #	MSRP	Bulk Purchase Program Price
HP 14.1 Business Sleeve	2UW01UT	\$15.00	\$10.00
HP ZBOOK x360 PEN	4WW09AA	\$85.00	\$59.00
HP ZBook x360 Nib Kit For Active Pen	4WW10AA	\$17.00	\$12.00
HP ZBook x2 Pen Bundle	1VY59UT	\$69.00	\$51.00
HP ZBook x2 Pen Nib Set Bundle	1VY60UT	\$8.00	\$6.00
HP Rechargeable Active Pen	4KL69UT	\$85.00	\$66.00
HP x360 11 EMR wEraser Pen	2EB40UT	\$35.00	\$30.00
HP x360 11 Pen Nib Set	3RV58AA	\$43.00	\$28.00
HP Active Pen with Spare Tips	1FH00UT	\$39.00	\$33.00
HP Active Pen Nib Set	3RV57AA	\$54.00	\$36.00
HP SmartCard Pen Holder Set	3KM16AA	\$34.00	\$22.00
HP Active Pen with App Launch	T4Z24UT	\$49.00	\$44.00
HP Nib Set for Active Pen w/App	3RV56AA	\$32.00	\$21.00
HP Pro Tablet Active Pen	K8P73AA	\$54.00	\$35.00
HP Essential Keyed Cable Lock	T0Y14UT	\$21.00	\$16.00
HP Master Keyed Cable Lock 10mm	T1A63UT	\$36.00	\$22.00
HP Dual Head Keyed Cable Lock	T1A64UT	\$65.00	\$28.00
HP Dual Head Master Cable Lock	T1A65UT	\$65.00	\$33.00
HP Docking Station Bulk Cable Lock	AU656A6	\$999.00	\$396.00
HP Master Keyed Docking Lock	AY474AA	\$54	\$27
HP USB-C Universal Dock NF	3DV65UT	\$239	\$137

Accessories			
Description	Part #	MSRP	Bulk Purchase Program Price
HP USB-C Universal Dock	1MK33UT	\$199	\$138
HP 90W USB-C Power adapter	2LN85AA	\$109	\$62
HP 65W USB-C Slim Power Adapter	3PN48UT	\$69	\$39
HP 65W USB-C Power Adapter	1HE08UT	\$55	\$31
HP 45W USB-C LC Power Adapter	1MZ01AA	\$43	\$25
HP 45W USB-C G2 Power Adapter	1HE07UT	\$59	\$34
HP Power Ready 14.1 Elite Top Load	4NR35UT	\$59	\$40
HP Notebook Power Bank	N9F71UT	\$129	\$89
HP Promo USB-C Essential Power Bank	3TB55UT	\$89	\$63
HP USB-C Notebook Power Bank	2NA10UT	\$149	\$107
HP Power Bank Charging Module	2WP85UT	\$599	\$462

### Related Services

Related Services			
Description	Part #	MSRP	Bulk Purchase Program Price
HP 3y NextBusDay Onsite/DMR DT Only SVC	UE332E	\$243.00	\$96.00
HP 4y NextBusDay Onsite/DMR DT Only SVC	UE333E	\$1.00	\$1.00
HP 5y NextBusDay Onsite/DMR DT Only SVC	UE334E	\$54.00	\$20.00
HP 3y Nextbusday Onsite/DMR WS Only SVC	U1G55E	\$413.00	\$183.00
HP 4y Nextbusday Onsite/DMR WS Only SVC	U1G56E	\$180.00	\$64.00

Related Services			
Description	Part #	MSRP	Bulk Purchase Program Price
HP 5y Nextbusday Onsite/DMR WS <i>Only available on select models</i>	U1G57E	\$270.00	\$90.00
HP 3y NextBusDayOnsite Notebook Only <i>SVC*</i>	UA6Z1E	\$1.00	\$1.00
HP 4y NextBusDay Onsite NB Only HW <i>Supp*</i>	UA6Z2E	\$4.00	\$2.00
HP 5y NextBusDay Onsite NB Only SVC*	UA6Z3E	\$19.00	\$9.00
HP 3y Travel Pickup Return NB Only SVC*	U7NT8E	\$6.00	\$3.00
HP PC Image Build & Load Service	AY102AV	45.00	23.00
HP Chassis Tagging SN+MAC1+UUID service	AY128AV	12	6
Project Management Rollout	AY162AV	1	1

\* Service Warranty Upgrades vary per platform- please reach out to your HP Representative to ensure correct warranty is used.

## Related Services Data Sheets

### Data sheet

# HP Image and Application Services



## HP Configuration Services

Let HP manage your PC image—so you can focus on your business

### Services overview

HP Image and Application Services leverage HP technical resources and factory capabilities to deliver PC devices that contain imaging based on customer-specific requirements. HP provides several service choices that provide you with flexibility and help ensure that devices arrive tailored to your organization’s IT and business needs. HP Imaging and Application Services are available globally on most HP commercial notebooks, workstations, thin clients requiring an operating system, desktops, and retail point-of-sale (RPOS) systems.

HP Imaging and Applications Services options include:

- HP PC Image Load Service
- HP PC Image Modification and Load Service
- HP PC Image Build and Load Service
- HP Multi-Platform PC Image Service
- HP PC Applications Load Service
- HP Backup Media Design and Replication Service

## Specifications

### HP PC Image Load Service

HP PC Image Load Service will validate and install a customer-provided PC software image on HP PC products during the manufacturing process. This provides customers with a consistent image loaded on an agreed-upon list of PC products that are manufactured in any HP factory around the world.

This service:

- Applies an image to the device
- Provides FTP login information or a shipment information address to receive the PC image file
- Requires hardware configuration stability once the setup is completed
- Utilizes default settings
- Archives the software image during the lifecycle of the hardware product
- Provides systematic validation of the image by HP prior to mass distribution
- Provides the Customer with notification if the supplied image fails validation tests
- Adapts the image to accommodate the HDD size
- Provides an antivirus scan and a boot test as part of the validation process
- Requires that the Customer provide HP with the PC software image using one of the following media: FTP file, CDR/CDRW or DVD, or USB key, or uploaded to HP using the online Web portal
- Requires that the PC software image is properly validated and generated using an HP-supported tool prior to submission to HP
- Requires that the image is compatible with the BIOS setting (HP default or custom)
- Does not allow unencrypted Social Security numbers, bank accounts, or credit card numbers
- Requires that the Customer notify HP if the operating system loaded is interacting with the BIOS settings

*Service limitations*

- Image testing beyond boot image is not included with this service. For full image testing and modification, refer to HP PC Image Modification and Load Service.
- This service is available only for PC models that are currently within their service life.
- Image modification is not part of this service.
- Image creation from a master on an HDD is not provided with this service.
- Any changes to the customer-provided images (e.g., drivers, service packs, and applications) are not provided with this service. If modifications to a customer-provided image are needed, refer to HP PC Image Modification and Load Service for more information.

**HP PC Image Modification and Load Service**

With HP PC Image Modification and Load Service, HP technical experts will modify and install a customer-provided PC software image on HP PC products according to the Customer’s requirements during the manufacturing process. This transfers the complexity to HP so that customers can avoid the cost and time of redesigning and shipping an image to HP for installation on PC devices at the factory. The service therefore provides the Customer with business-ready PCs.

This service:

- Adds or modifies up to three operating system configuration settings as defined in the Customer’s requirements
- Utilizes default settings
- Archives the software image during the lifecycle of the hardware product and provides systematic validation by HP prior to mass distribution
- Provides the Customer with notification if the supplied image fails validation
- Adapts the PC software image to the HDD size
- Provide an antivirus scan and a boot test during the validation process
- Creates the PC software image from a master on an HDD
- Adds HP standard drivers as needed during the image modification process
- Updates the Customer’s PC software image once per quarter
- Allows existing images to be migrated to the replacement model
- Requires hardware configuration stability once the setup is completed
- Provides the PC software image loaded on an HDD
- Requires the Customer to complete the service requirements process provided by HP for each PC Image Modification and Load Service request (for each image)
- Requires the Customer to provide HP with the PC software image requiring modification using one of the following media: FTP file, CDR/CDRW or DVD, or USB key, or uploaded to HP using the online Web portal
- Requires the Customer to define, during the requirements-gathering process, any request for installing applications (a maximum of three; excludes Microsoft® service packs), as well as to provide a silent install package with no application conflict
- Requires that the image is compatible with the BIOS setting requested for deployment

(HP default or custom)

- Does not allow unencrypted Social Security numbers, bank accounts, or credit card numbers as part of the image
- Requires that the Customer notify HP if the operating system loaded is interacting with the

BIOS settings

- Requires the image be on HP-supported media
- Requires that the image signature files be provided (MD5 values)
- Requires the Customer to provide the technical specifications for the PC image build
- Requires the administrator login for master modification

*Service limitations*

- Legacy product older than the current shipping version is not included with this service.
- Migration onto older models than the current shipping model is not provided with this service.
- This service is available on current supported models only.



### HP PC Image Build and Load Service

HP PC Image Build and Load Service builds, tests, and validates a PC master software image based on the Customer's requirements and installs it on HP PC products at the factory. HP technical experts will manage the complexity so that the Customer receives business-ready PCs right out of the box.

This service:

- Analyzes technical specifications, reviews and completes any missing HP standard drivers, sets up customer-specific disk partition and OS volume details, and builds a PC system image with the Customer's settings and factory development process requirements
- Provides setup and installation of customer applications defined in the requirements-gathering process, and identifies and applies additional configuration settings to help ensure that applications load
- Provides a custom-designed PC image that is ready for loading on a single model that has a single-boot OS
- Requires hardware configuration stability once the setup is completed
- Provides the PC software image loaded on an HDD
- Archives the image during the lifecycle of the hardware product
- Ensures that the PC software image is systematically validated by HP prior to mass distribution
- Provides the Customer with notification if a test failure occurs during the validation process
- Adapts the PC software image to the HDD size
- Provides an antivirus scan and a boot test during the validation process
- Creates the PC software image from a master on an HDD
- Includes adding HP standard drivers as needed during the image modification process
- Requires the Customer to review and approve the image before mass deployment
- Requires that the image is compatible with the BIOS setting requested for deployment (HP default or custom)
- Requires the Customer to ensure the purchase or ownership of software licenses for selected applications
- Does not allow unencrypted Social Security numbers, bank accounts, or credit card numbers
- Requires that HP be notified if the operating system loaded is interacting with the BIOS settings
- Requires that the image be on HP-supported media
- Requires that the image signature files be provided (MD5 values)
- Requires that the Customer provide the technical specifications for the PC image build
- Requires the administrator login for master modification

#### Service limitations

- This service is not applicable on multiple PC model software images.
- This service is limited to current supported models only.
- This service does not include an HDD build process.

### HP Multi-Platform PC Image Service

Leveraging worldwide technical expertise and factory capabilities, HP Multi-Platform PC Image Service delivers a custom-built PC software image that is ready for multiple PC platforms. This provides the Customer with a "one-fit-for-all" software image, which reduces the cost and technical complexity of supporting multiple images. This service supports images in excess of 20 gigabytes and archives the images for later use. HP provides a dedicated technical single point of contact to collaboratively work with the Customer, helping to ensure that the service is managed to meet the Customer's requirements.

This service:

- Provides the design and build of a PC image based upon the Customer's technical specifications; the PC image supports multiple PC platforms
- Archives the multiplatform PC image during the lifecycle of the hardware product
- Includes systematic testing based on HP's test plan for the multiplatform PC image
- Includes documentation for software content locations, software application updates, and fixes, as well as custom settings

- Includes updating the image once per quarter and up to a maximum of four times per year
- Includes the assignment of a dedicated service project manager
- Supports Windows® operating systems
- Allows up to five additional applications to be installed in a language that is different than the OS language (e.g., OS in English, five non-English applications); the five applications can be in the same language or a mix of languages
- Supports current shipping platforms only
- Requires the Customer to verify that customer-specific deliverables are functional and compatible to prevent project delays or holds
- Requires the Customer to order an initial PC unit, which will be used for testing and validation, or to perform remote testing
- Requires the Customer to review and approve the PC image before mass deployment
- Does not allow unencrypted Social Security numbers, bank accounts, or credit card numbers
- Requires the Customer to ensure the purchase or ownership of the software licenses included

in the software image

#### *Service limitations*

- The service is deployed on current supported PC models only.
- No changes to the specifications can be accepted during the image development phase to avoid a redesign of the PC image and delay of the project.
- Non-HP PC products are not supported.
- Windows XP PC images are not supported.
- Customer-provided base images are not supported.
- HDD encryption is not part of this service.
- Building recovery partitions is not part of this service.
- A dual-boot OS is not supported with this service.
- Novell clients are not supported with this service.
- A boot disk, along with MDT deployment share, is not part of this service.
- PC image on a USB key is not provided with this service.

#### **HP PC Applications Load Service**

HP PC Applications Load Service installs the software applications on an HP PC software standard image at the factory. This provides the Customer with a ready-to-use PC, reducing time and application integration costs.

This service:

- Supports a limited number of applications
- Validates applications on the target operating system
- Installs applications on an HP PC loaded with standard HP operating systems
- Provides systematic validation by HP of the image prior to mass distribution
- Requires that the software applications are hardware independent
- Requires the Customer to ensure the purchase or ownership of all software application licenses
- Requires the Customer to provide an unattended application installation package
- Requires the Customer to validate that software applications are installed and functioning on the target operating system
- Requires the Customer to provide the component installation sequence

#### *Service limitations*

- This service is not available on non-HP standard software images.
- This service is limited to HP platform products.
- Silent installation packages with no applications will conflict with this service.

### HP Backup Media Design and Replication Service

HP Backup Media Design and Replication Service delivers a restorable image on a DVD that is built and replicated at an HP factory. HP will ship backup media with each PC product, enabling the Customer to restore and/or recover the PC image at any time. The backup media is systematically validated by HP prior to mass distribution. This service helps reduce productivity loss by enabling quicker recovery in case of image damage.

This service:

- Replicates one backup DVD and includes one copy with each unit
- Procures backup media from Authorized Replicator by Get Factories
- Includes storing and archiving on recovery media during the lifecycle of the product
- Provides systematic validation by HP of the recovery media prior to mass distribution
- Verifies that a BIOS lock is present on the ordered product
- Provides backup media to support the product ordered only—is not interchangeable with other products/platforms
- Requires the Customer to complete the service requirements process provided by HP for each backup media
  - Requires the Customer to ensure the purchase or ownership of the restore utility/tool
  - Requires that the Customer order the service for each unique device configuration
  - Requires the Customer to purchase the Image Load Service

#### Service limitations

- This service is available on current shipping models only.
- This service does not provide delivery of the recovery media without an HP PC.
- This service is not available on platforms that do not have an operating system (i.e., some thin clients are not supported).
- Thin clients are not supported with this service.

## Roles and responsibilities

Table 1 provides a brief overview of the roles and responsibilities to help ensure a successful Image and Application Service.

**Table 1.** HP and Customer roles and responsibilities

Activity	HP	Customer
Provide process for collecting the Customer’s requirements	•	
Define and submit requirements and specifications		•
Validate capabilities and functionality of the service	•	
Complete testing and obtain the Customer’s acceptance	•	
Provide final acceptance of and approval for implementation prior to deployment		•

## Setup and timeframe

**Table 2.** Setup and lead time (in days) for HP Imaging and Application Services

Service	Worldwide	The Americas	Europe, Middle East, and Africa	
			and Africa	Asia Pacific
HP PC Image Load Service	10	9	10	10
HP PC Image Modification and Load Service	14	13	14	14
HP PC Image Build and Load Service	18	17	18	18
HP Multi-Platform PC Image Service	21	20	21	20
HP PC Applications Load Service	12	10	12	12
HP Backup Media Design and Replication Service	21	20	21	21

## Ordering information

All HP Image and Application Services must be ordered with HP hardware. To ensure that all images are validated, communicated to the factory, and ready for implementation on devices during the manufacturing process, customers must provide HP with complete requirements using the process provided by HP and allow for appropriate setup time before orders can ship with the custom settings applied.

These services can be ordered using the following part numbers:

- AY100AV for HP PC Image Load Service
- AY101AV for HP PC Image Modification and Load Service
- AY102AV for HP PC Image Build and Load Service
- AY119AV for HP Multi-Platform PC Image Service
- AY120AV for HP PC Applications Load Service
- AY107AV for HP Backup Media Design and Replication Service

## For more information

For more information on HP Services, contact any of our worldwide sales offices or visit our website: [hp.com/services/support](http://hp.com/services/support)

Sign up for updates  
[hp.com/go/getupdated](http://hp.com/go/getupdated)



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# HP Labeling and Tagging Services

## HP Configuration Services

### Gain greater control over PC security

#### Services overview

HP Labeling and Tagging Services provide a variety of service options, ranging from HP-supplied predefined layouts, customer-supplied labels, and security tagging services. HP's factory processes help ensure that labels are consistently printed and affixed according to manufacturer standards and customer requirements. These services are available globally on most HP commercial notebooks, workstations, thin clients, desktops, and retail point-of-sale (RPOS) systems. With HP Labeling and Tagging Services, you can gain tighter control over your assets and reduce the risk of loss or theft.

HP Labeling and Tagging Services include:

- HP PC BIOS Asset Tagging Service
- HP Standard Asset Tagging Service
- HP Customer-Supplied Asset Tagging Service
- HP Custom Security Tagging Service
- HP Custom Logo Printing Service
- HP Predefined Asset Tagging Service
- HP Security Tagging Service

#### Specifications

##### HP PC BIOS Asset Tagging Service

With this service, HP will record the asset tag information from the physical label in the device's BIOS at the factory, which improves security and asset identification with tracking and inventory capabilities.

This service:

- Provides the following options:
  - Asset Tag field in the BIOS = customer-specific asset number; Ownership Tag field in the BIOS = blank string
  - Asset Tag field in the BIOS = HP serial number; Ownership Tag field in the BIOS = customer-specific asset number

##### Service limitations

- This service is not available if no asset tagging service is selected.

##### HP Standard Asset Tagging Service

With this service, HP will affix standard asset labels with customizable features and tag strings into factory-printed labels. This service includes systematic replication of the asset tag number on packaging labels, an integrated reporting capability three (3) business days after the device is shipped from the factory, and customizable parameters and artwork layout. HP offers the Customer several choices of label sizes, placement options, and customization features, which enables them to integrate labels with their internal standard asset tracking and management processes in a flexible manner.

This service:

- Requires Restriction of Hazardous Substances (RoHS) Certificate of Compliance (CoC) for customer-supplied labels or tags
- Does not require the Customer to provide specific instructions and cautions for affixing the tags or labels (e.g., no special glue, non-standard tags, or labels)

- Provides a sufficient quantity of tags/labels (i.e., the number of tags/labels provisioned exceeds the number of ordered PC units)
- Includes a customer-defined combination of fields
- Provides customer-defined asset number range management (tag on the product only)
- Includes a choice of date formats among HP proposed models
- Provides the ability to override the HP default data description text preceding the data value
- Provides a customer logo printed rendering in black and white (no color or grayscale)
- Includes standard HP material and standard HP-defined placements
- Provides the option of affixing the asset tag on the product or packaging
- Allows for the following label sizes: 45 mm x 40 mm, 50 mm x 20 mm, 50 mm x 30 mm, 63 mm x 30 mm, and 75 mm x 40 mm
- Provides asset number (if applicable) reporting in HP's shipment database within three (3) business days after the product is shipped from the HP factory
- Replicates the asset number on the product packaging (if included in defined fields)
- Provides an optional estimated end-of-warranty date equal to the manufacturing date plus the original warranty period (based on the model)

#### *Service limitations*

- Customer-defined materials are not included with this service.
- Non-HP standard placement is not available with this service.

#### **HP Customer-Supplied Asset Tagging Service**

With this service, HP will affix customer-procured and -provided asset tag labels on HP-ordered PC products and provide an integrated reporting capability three (3) business days after the product is shipped. This service dramatically reduces the time it takes to affix asset labels. HP offers multiple placement options of supplied labels and an integrated reporting capability for Code 39 barcodes, as well as replication of the asset tag number on packaging labels for Code 39 barcodes.

This service:

- Allows the Customer to choose among standard HP-defined placements
- Provides the affixing of an asset tag on the product or packaging
- Reports the asset numbers (if available as a Code 39 barcode) in HP's shipment database within three (3) days after the product is shipped from the HP factory
- Replicates the asset number on the packaging (if included in defined fields)
- Requires that HP and the Customer agree on the first delivery date
- Requires that the Customer ship labels to HP-provided destinations at least 10 business days prior to the agreed-upon first delivery date
- Requires the Customer to verify label compliance with RoHS

#### *Service limitations*

- Customer asset numbers are systematically applied in sequential order.
- Non-HP standard placement is not available with this service.
- Asset numbers that are not in the Code 39 barcode format are not included with this service.

#### **HP Custom Security Tagging Service**

With this service, HP will affix customized anti-theft tags and provide a database management system, which improves the security and asset management of the Customer's equipment.

Any lost or stolen PC with an HP Custom Security Tag that is recovered will be shipped back to the Customer free of charge.

This service:

- Provides a choice among standard HP-defined placements
- Provides customer-defined asset number range management
- Provides the affixing of a tag on the product
- Provides asset number reporting in HP's shipment database within three (3) business days after the product is shipped from the HP factory
- Replicates the asset number on the product packaging
- Leverages a third-party shipping provider to ship devices to locations outside of the United States

- Customer-defined materials are not included with this service.
- Customer-defined security tag size is not available with this service.
- Non-HP standard placement is not available with this service.
- The ability to remove the HP Custom Security Tags (e.g., for recycling or reselling purposes) is not part of this service.

### HP Custom Logo Printing Service

This service leverages HP's integration capabilities to personalize an HP device with a visible custom logo or text on the exterior of a device to clearly identify company ownership and improve security of the device.

This service:

- Provides the Customer with a choice of standard HP-defined placements or customer-defined placements; if a customer would like to define placement, they must provide a photograph indicating the location where they would like the logo printed on the device; customer-defined placements are subject to HP analysis and approval
- Applies the customized artwork (e.g., a company logo) on the product's outer shell
- Requires that the Customer provide the logo, text, and/or artwork to HP
- Requires that the Customer adhere to RoHS ink compliance
- Requires that the Customer choose the total logo area based on the HP size preferences provided
- Requires that the Customer choose ink or laser engraving for the imprint of the logo; in China, laser engraving is not available and ink will be produced as a silk screen
- Requires that the Customer define the laser-engraving depth, when applicable
- Requires the Customer to provide the estimated number of units to be printed

### Service limitations

- Custom logo printing cannot be applied on the packaging.
- This service is only available in the following regions:
  - North America (products built in the FXC Juarez Factory) and Latin America: ink or laser engraving
  - Korea and China (desktops built in the China Shanghai Factory [CPMO]): silk screen
  - Currently unavailable in other regions, but is subject to HP analysis

### HP Predefined Asset Tagging Service

With this service, HP will affix asset tags on products or packaging with predefined artwork on standard labels at the factory to simplify the Customer's warehousing and asset management processes. The Customer can add one of these services to ensure that the asset tag will be imprinted on their ordered product. HP will affix the label to the device at the factory and provide reporting three (3) business days after the product is shipped.

The following options are available as part of HP Predefined Asset Tagging Service:

- HP Chassis Tagging SN+MAC1+UUID Service
- HP Chassis Tagging SN+MAC1+MAC2 Service
- HP Packaging Tag SN+MAC1+MAC2+UUID Service

This service:

- Provides the following data value: serial number, MAC address 1 and 2, and universal unique identifier (UUID)
- Uses HP standard labeling materials artwork layout and HP default placement
- Provides the affixing of a tag on the product or packaging
- Provides a label size of 75 mm x 40 mm
- Requires the Customer to select the appropriate service or service combination (e.g., chassis + packaging)

*Service limitations*

- Customer-defined materials are not included with this service.
- Customer-specific artwork layout is not part of this service.
- Non-HP default placement is not available with this service.
- Non-HP proposed data content is not part of this service.
- The HP default data description that precedes the data value cannot be overridden.

**HP Security Tagging Service**

HP Security Tagging Service provides factory-applied security labels with anti-theft features, along with a database management system, to deter theft and improve device security. The HP Custom Security Tag will be procured by HP and is affixed to an HP standard placement on the PC system. Any lost or stolen PC with an HP Custom Security Tag that is recovered will be shipped back to the Customer free of charge.

This service:

- Provides the application of labels in an HP-defined placement as the default
- Provides a unique HP-defined HP Standard Security Tag number
- Includes reporting of the unique HP-defined number in the HP shipping database within three (3) days after the unit is shipped from the HP factory
- Provides automatic asset registration into the Oxygen StopTrack global database to improve the recovery of lost or stolen devices
- Includes the affixing of labels with special glue
- Includes the security feature of a non-removable indelible red imprint on the chassis if the security label is removed (resists a pull force up to 400 kg)
- Requires the Customer to report lost or stolen equipment on stoptrack4hp.com
- Provides for the return of retrieved equipment (if found and reported) to the owner

*Service limitations*

- Customer-specific artwork layout is not part of this service.
- Customer-defined HP Standard Security Tag number is not available with this service.
- The Customer cannot select logo placement as only a default placement predetermined by HP is available.
- Reporting of preconfigured HP Security Tag number in the HP shipping database, if a customer-defined asset number exists for the PC, is not included with this service.
- Replicating a preconfigured HP Security Tag number on the packaging, if a customer-defined asset number exists for the PC, is not part of this service.
- The ability to remove the HP Security Tags (e.g., for recycling or reselling purposes) is not part of this service.

**Roles and responsibilities**

Table 1 provides a brief overview of the roles and responsibilities to help ensure a successful Labeling and Tagging Service.

**Table 1.** HP and Customer roles and responsibilities

Activity	HP	Customer
Provide process for collecting the Customer’s requirements	•	
Define and submit requirements and specifications		•
Validate capabilities and functionality of the service	•	
Complete testing and obtain the Customer’s acceptance	•	
Provide final acceptance of and approval for implementation prior to deployment		•



## Setup and timeframe

**Table 2.** Setup and lead time (in business days) for HP Labeling and Tagging Services

Service	Worldwide	The Americas	Europe, Middle East, and Africa	
			and Africa	Asia Pacific
HP PC BIOS Asset Tagging Service	9	9	9	9
HP Standard Asset Tagging Service	9	9	9	9
HP Customer-Supplied Asset Tagging Service	9	9	9	9
HP Custom Security Tagging Service	9	9	9	9
HP Custom Logo Printing Service	N/A	8 <sup>1</sup>	N/A	8 <sup>2</sup>
HP Predefined Asset Tagging Service <sup>3</sup>	0/9	0/9	0/9	0/9
HP Security Tagging Service <sup>3</sup>	0/9	0/9	0/9	0/9

<sup>1</sup> Latin America and North America: ink or laser engraving only

<sup>2</sup> China and Korea only: silk screen only

<sup>3</sup> TAT = 0 days in configure to order/TAT = 9 days in complex SKU

## Ordering information

All HP Labeling and Tagging Services must be ordered with HP hardware. To ensure that all services are validated, communicated to the factory, and ready for implementation on devices during the manufacturing process, customers must provide HP with complete requirements using the process provided by HP and allow for appropriate setup time before orders can ship with the custom settings applied.

These services can be ordered using the following part numbers:

- AY109AV for HP PC BIOS Asset Tagging Service
- AY111AV for HP Standard Asset Tagging Service
- AY112AV for HP Customer-Supplied Asset Tagging Service
- AY11AV for HP Custom Security Tagging Service
- AY127AV for HP Custom Logo Printing Service
- HP Predefined Asset Tagging Service:
  - AY128AV for HP Chassis Tagging SN+MAC1+UUID Service
  - AY129AV for HP Chassis Tagging SN+MAC1+MAC2 Service
  - AY130AV for HP Packaging Tag SN+MAC1+MAC2+UUID Service
- AY131AV for HP Security Tagging Service

## For more information

For more information on HP Services, contact any of our worldwide sales offices or visit our website: [hp.com/go/computingservices](http://hp.com/go/computingservices)

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# Account Operational Services Summary

Globally available in FY 17

Standard Services Level 1 Center of Excellence Support (COE)	Standard Services Level 2 Major country AOM	Dedicated country AOM Service Value aligned to customer needs supported by Statement of Work (SOW)
<ul style="list-style-type: none"> <li>New Customer onboarding and enablement</li> <li>Steady state management</li> <li>Global customer purchase reporting (Direct &amp; indirect)</li> </ul> <p>Standard Catalogue Set up and deployment</p> <p>Self-service via 828 tools</p> <p>Customer handbook for HP navigation</p> <p>Standard Global product/catalogue offering</p> <p>Standard ad times and logistics</p> <p>Account planning &amp; execution</p> <p>Catalog maintenance</p> <p>Standard Reports from HP systems (055, other)</p> <p>Standard invoicing</p> <p>Standard pricing setup (as required)</p> <p>Standard Quarterly performance data</p> <p>Simple WW Tiered pricing/discount</p> <p>WW EOL product management</p>	<p>Includes Standard Service+</p> <p>Managed Customer Global Catalog management</p> <p>Multiple Catalog publications</p> <p>B2B &amp; EDI</p> <p>Global Special configurations</p> <p>Managed EOL product transition / management</p> <p>Customized Customer hand book</p> <p>Project reporting</p> <p>Customer defined Invoicing: Customer defined (Electronic, WW, Self)</p> <p>Managed / meets specific delivery dates</p> <p>Customer specific reporting-reports to be defined (report listing)</p> <p>Asset management, sales history, closed orders, customized open orders, Reseller warranty, financial reporting, discount evs etc.</p> <p>Ad hoc metrics</p> <p>Co-ordination / Management of CIS offering* QBR-FZF reviews</p>	<p>General Project Management / rollout</p> <p>Customer directed</p> <p>Project rollout management</p> <p>Process design</p> <p>On-site resources Deployment</p> <p>Management</p> <p>High HP complexity Ix -BU co-ordination</p> <p>Proactive Lifecycle Management for customer</p> <p>Full Management of customer transition roadmap</p> <ul style="list-style-type: none"> <li>Custom integration               <ul style="list-style-type: none"> <li>Spare parts prioritization</li> <li>End of Life (warranty expiration)</li> </ul> </li> </ul> <p>Logistics-Account Operation Management</p> <p>Unique shipping/delivery</p> <ul style="list-style-type: none"> <li>Customer special inventory and mgmt.</li> <li>Asset recovery and disposal</li> <li>3PO stock for custom</li> </ul> <p>Unique Customer Reporting</p> <p>Customer specified reporting</p> <p>Business Intelligence Reporting consolidation (Direct / indirect)</p> <p>Non standard SLA attainment</p> <p>Other customized needs</p> <p>Customer training/education for customer</p>

## Manufacturer Quotes and Specifications



## DIR-TSO-4159

**Contract Number:** DIR-TSO-4159  
**Contract Duration:** 2 October 2018- 01 October 2020  
**Customer#:** E84623  
**DUNS#:** 80-67-81928  
**Payment Terms:** Net 30 days  
**Sales Hotline:** 505.415.7001  
**Quote Request:** [zachary.tierney@hp.com](mailto:zachary.tierney@hp.com)  
**Ordering Emails:** [orders-processing-usa@hp.com](mailto:orders-processing-usa@hp.com)  
**Sales Fax:** 800-825-2329  
**Order Status:** 877-235-5512  
**Support Hotline:** 888-202-4682  
**Website Address:** [www.hp.com/buy/missouri](http://www.hp.com/buy/missouri)  
**Contractor address:** HP Inc  
 1501 Page Mill Road  
 Palo Alto CA 94304  
 Washington, DC 20004

**Remit To Address:**

HP Inc.  
 P.O. Box 419520  
 Boston, MA 02241-9520  
*Electronic Pay - Routing Only, provided with agreement form*  
 - The terms and conditions of the DIR- TSO-4159 will apply to any order placed as a result of this inquiry; no other terms or conditions shall apply.  
 - This quotation may contain open market products which are sold in accordance with HP's Standard Terms and Conditions. HP makes no representation regarding the TAA status for open market products.  
 - Third party items that may be included in this quote are covered under the terms of the manufacturer warranty, not the HP warranty

**Billing Information:**

Texas Depart of Info Resources  
 300 West 15th St  
 Suite 1300  
 Austin , Texas 78711

**Shipping Information**

Texas Depart of Info Resources  
 300 West 15th St  
 Suite 1300  
 Austin , Texas 78711

<b>Customer Email:</b>	<a href="mailto:kelly.parker@DIR.texas.gov">kelly.parker@DIR.texas.gov</a>		
<b>Quote Date:</b>		6/6/2019	
<b>Quote Expiration Date:</b>	30 Days After Quote Date		
<b>Contract #:</b>	DIR-TSO-4159		
<b>Big Deal #</b>		42202807	
<b>HP Sale Rep</b>	Zachary Tierney		
<b>Quote #</b>		52420191200	

Part Number	Description	Quantity	MSRP	Bulk Price
<b>Value Desktop</b>				
<b>Small Form Factor</b>	ProDesk 400 G5	1	\$ 1,172.00	\$ 450.00
2ZX70AV	HP SFF ProDesk 400 G5 PC			
2ZY46AV	ENERGY STAR Certified Label			
2ZY58AV	ProDesk 400GOLD180W SFF Chassis			
2ZZ66AV	Win 10 Pro 64			
2ZX76AV	Intel Core i3-8300 3.7 4C 62W			
3LD91AV	4GB (1x4GB) DDR4 2666			
3WR68AV	500GB 7200 SATA-6G OPAL2 2.5 w/ca			
2ZZ25AV	USB BusSlim Keyboard			
3LD83AV	No need for optional ports			
2ZY31AV	MUS WD USB OPT			
2ZY56AV	9.5 DVDWR 8/6G3SFF 4G4MT/SFF			
2ZZ07AV	3/3/3 SFF Warranty			
2ZY51AV	Single Unit SFF Packaging			
2ZZ09AV	HP 400 G5 CKIT			
3PN92AV	Intel CFL Core i3 Label			

**Mid Range**

<b>Small Form Factor</b>	ProDesk 400 G5	1	\$ 1,469.00	\$ 587.00
2ZX70AV	HP SFF ProDesk 400 G5 PC			
2ZY46AV	ENERGY STAR Certified Label			
2ZY58AV	ProDesk 400GOLD180W SFF Chassis			
2ZZ66AV	Win 10 Pro 64			
2ZX78AV	Intel Core i5-8500 3.0 6C 65W			
3LD93AV	8GB (1x8GB) DDR4 2666 DIMM			
2ZY74AV	SSD 256GB SATA SED OPAL2 TLC w/ca			
2ZZ25AV	USB BusSlim Keyboard			
3LD83AV	No need for optional ports			
2ZY31AV	MUS WD USB OPT			
2ZY56AV	9.5 DVDWR 8/6G3SFF 4G4MT/SFF			
2ZZ07AV	3/3/3 SFF Warranty			
2ZY51AV	Single Unit SFF Packaging			
2ZZ09AV	HP 400 G5 CKIT			
3PN93AV	Intel CFL Core i5 Label			

**Performance**

**Z2 G4 SFF**

2YW30AV	HP Z2 SFF G4 WKS	1	\$ 2,042.00	\$ 932.00
2ZP82AV	Single Unit SFF HP WKS Packaging			
2ZQ50AV	Z2 SFF G4 90 310W Chassis			
3FJ99AV	Win 10 Pro 64 WKST			
2ZP92AV	Operating System Load to SATA			
3MD57AV	Intel Xeon E-2124G 4C 71W			
2ZQ07AV	8GB (1x8GB) DDR4 2666 DIMM ECC UNB			
2ZP45AV	NVIDIA Quadro P400 2GB (3)mDP Graphics			
2ZP57AV	500GB 7200 SATA 3.5in			
4FX56AV	USB BusSlim Keyboard			
2ZP65AV	MUS WD USB OPT			
2ZP90AV	9.5 DVDWR 1st ODD			
2ZQ46AV	HP Remote Graphics SW (RGS) for Z			
2ZV97AV	3/3/3 Warranty			
2PA21AV	HP miniDP-to-DP Adapter (2-pack)			
2ZW02AV	HP Z2 SFF G4 CKIT			
4NM29AV	Z2 SFF SATA Data Cable - ST-RA 3			

**Specialty Use Desktop**

**Mid Range**

**TOUCH All in One**

4HV78UT	HP 800G4EOT AiO i58500 8GB/256 PC	1	\$ 1,304.00	\$ 874.00
1AR38AV	LBL Certified Skype for Business			
3CJ74AV	BU EON 800 G4 23.8 FHD T AiO			
3DA45AV#ABA	CKIT HP EliteOne G4 AiO T US			
3DB89AV	CPU I Core i5-8500 3.0 6C 65W			
3DB96AV	HP EliteOne G4 AiO Recline Stand			
3DB98AV	MUS WD USB OPT			
3DC10AV	ODD 9.5 DVDWR EliteOne G4 AiO			
3DC16AV	RAM 8GB (1x8GB) DDR4 2666			
3DC59AV#ABA	KBDWD USB BusSlim US			
3EA21AV	SSD 256G M.2 2280 PCIe NVMe TLC			
3EA52AV#ABA	LOC W10P6 US			
3EA94AV#ABA	WARR 3/3/3 AiO Warranty US			
3GD13AV	LBL WLAN I 9560 ac 2x2 +BT 5 WW			
3GE95AV	WLAN I 9560 ac 2x2 +BT 5 WW			
3MW58AV	LBL Intel CFL Core i5 vpro			
3UW48AV	Fixed 2Mp FHD low-light Webcam w			
4AN05AV	MISC PKG Sgl UN AiO RC Std			
W7P99AV	Elite Premium Support Flyer - Intel			
4KL14AV	AiO Internal Stereo Speakers (2W)			
4QK83AV	LBL ENERGY STAR Certified AiO			

**NONTOUCH All In One**

4HK05UT	HP 800G4EON AiO i58500 8GB/256 PC	1	\$ 1,164.00	\$ 802.00
1AR38AV	LBL Certified Skype for Business			
3CJ73AV	BU EON 800 G4 23.8 FHD NT AiO			
3DA44AV#ABA	CKIT HP EliteOne G4 AiO NT US			
3DB89AV	CPU I Core i5-8500 3.0 6C 65W			
3DB95AV	HP EliteOne G4 AiO Adjustable Ht Stand			
3DB98AV	MUS WD USB OPT			
3DC10AV	ODD 9.5 DVDWR EliteOne G4 AiO			
3DC16AV	RAM 8GB (1x8GB) DDR4 2666			
3DC59AV#ABA	KBDWD USB BusSlim US			
3EA21AV	SSD 256G M.2 2280 PCIe NVMe TLC			
3EA52AV#ABA	LOC W10P6 US			
3EA95AV#ABA	WARR 3/3/3 AiO Warranty NT US			
3GD13AV	LBL WLAN I 9560 ac 2x2 +BT 5 WW			
3GE95AV	WLAN I 9560 ac 2x2 +BT 5 WW			
3MW58AV	LBL Intel CFL Core i5 vpro			
3UW48AV	Fixed 2Mp FHD low-light Webcam w			
4AN01AV	MISC PKG Sgl UN AiO AH Std			
W7P99AV	Elite Premium Support Flyer - Intel			
4KL14AV	AiO Internal Stereo Speakers (2W)			
4QK83AV	LBL ENERGY STAR Certified AiO			

**Performance Tier**

1JP11AV	HP Z4 G4 WKS	1	\$ 6,129.00	\$ 2,764.00
1JR04AV	Single unit (TWR) Packaging			
1JQ29AV	HP Z4 G4 90 750W Chassis			
2LH04AV	Windows 10 Pro 64 Workstations US			
1JP94AV	Operating System Load to SATA/SAS			
2PB99AV	Intel Xeon W-2104 3.2 2400MHz 8.25 4C CPU			
1JQ79AV	32GB (2x16GB) DDR4 2666 DIMM ECC Registered Memory			
1JP26AV	NVIDIA Quadro P5000 16GB (4)DP+DVID GFX			
1JQ22AV	512GB 2.5in SATA Solid State Drive			
1JP47AV	2TB 7200RPM SATA 3.5in 2nd			
1JQ87AV	USB Business Slim Wired Keyboard US			
1JQ63AV	HP Optical Wired Mouse USB			
1JR01AV	9.5mm DVD-Writer 1st ODD			
1JP10AV	Base FIO 4xUSB3 TypeA			
1JQ27AV	HP Remote Graphics Software (RGS) for Z			
1JR07AV	3/3/3 (material/labor/onsite) Warranty US			
1MY89AV	HP Z4 G4 Fan and Front Card Guide Kit			
2XE92AV	No Adapters Needed			
1JQ44AV	HP Z4 G4 Country Kit US			
1QE66AV	HP Z4 Std CPU Cooling Solution			

**Desktop Alternative Builds**

2ZZ92AV	HP ProDesk 400 G4 DM AMS PC	1	\$ 896.00	\$ 411.00
3AA54AV	Single Unit (DM) Packaging			
1XH01AV	ENERGY STAR Certified Label			
3DY99AV	Win 10 Pro 64			
2ZZ99AV	Intel Pentium GoldG5400T 3.1 2C			
3AA59AV	4GB (1x4GB) DDR4 2666 SODIMM			
3AA08AV	500GB 7200 2.5			
3BD43AV	USB BusSlim Keyboard			
4XB74AV	1 VGA Port 1 DisplayPort Only			
3AA01AV	G4/G5 DM 35W SATA Drive Bracket			
3AA37AV	MUS WD USB OPT			
2ZZ87AV	65 Watt DM Ext Power Adapter EPS			
3BD32AV	3/3/3 DM Warranty			
3BD34AV	HP 400 G4 DM CKIT			
4BN56AV	Intel Inside Pentium Gold DM Label			

**Value Standard Laptop**

4RZ48AV	HP IDS UMA i3-8145U 440 G6 BNBPC	1	\$ 1,110.00	\$ 475.00
4RZ59AV	Pike Silver ALU			
4SS11AV	OS Localization			
4TF83AV	Win 10 Pro 64			
4RZ69AV	No Webcam			
4RZ79AV	14 HD AG LED SVA slim 2Ant			
4SP54AV	4GB (1x4GB) DDR4 2400			
4RZ61AV	500GB 7200RPM SATA			
4SB97AV	Intel 9560 ac 2x2 MU-MIMOnvP160MHz+BT5WW			
4RZ66AV	No WWAN			
4RZ72AV	MISC No Fingerprint Sensor			
4RZ58AV	3 Cell 45 WHr Long Life			
4SP64AV	45 Watt Smart nPFC RA AC Adapter			
4SP72AV	C5 1.0m stkr CNVTL Power Cord			
4RZ74AV	1/1/0 Warranty			
4SC02AV	Country Localization			
4SC01AV	Clickpad SR			
X7B24AV	eStar Enable IOPT			
1QE30AV	Core i3 G8 Label			

**Standard Laptop**

2GL98AV	HP IDS UMA i5-8250U fWWAN 640 G4 BNBPC	1	\$ 1,486.00	\$ 677.00
2GM83AV	Win 10 Pro 64			
2GM27AV	No Webcam			
2GM16AV	14 HD AG LED SVA f/WWAN slim			
2GM36AV	8GB (1x8GB) DDR4 2400			
2GM04AV	500GB 7200RPM SATA-3			
2GM22AV	No Near Field Communication (No NFC)			
2GM28AV	No WLAN/ no Bluetooth			
2GM29AV	No WWAN			
2GM21AV	No Fingerprint Reader			
2GM23AV	MISC No SmartCard Reader			
2GL93AV	3 Cell 48 WHr Long Life			
2GL90AV	45 Watt Smart nPFC AC Adapter			
2GM65AV	C5 1.0m Power Cord			
2GM60AV	1/1/0 Warranty			
X9H42AV	No vPro AMT supported			
2GM72AV	Country Localization			
2GM69AV	Clickpad SR			
X7B43AV	eStar Enable IOPT			
1QE37AV	Core i5 G8 Label			

**Mid Range Standard Laptop**

2FA68AV	HP IDS UMA i7-8550U 840 G5 BNBPC	1	\$ 2,512.00	\$ 920.00
2FB55AV	Win 10 Pro 64			
2FB24AV	Integrated HD 720p IR TM Webcam			
2FA80AV	14 FHD AG LED UWVA 220 fHDC IR slim			
2FB05AV	16GB (2x8GB) DDR4 2400			
2FB20AV	512GB PCIe NVMe TLC SSD			
2FA95AV	No Near Field Communication (No NFC)			
2FB01AV	No WLAN/ no Bluetooth			
2FB02AV	No WWAN			
2FA94AV	MISC No Fingerprint Sensor			
2FA96AV	MISC No SmartCard Reader			
2FA49AV	3 Cell 50 WHr Long Life			
2FA43AV	45 Watt Smart nPFC RA AC Adapter			
2FB36AV	C5 1.0m stkr CNVTL Power Cord			
2FB68AV	1/1/0 Warranty			
X9H42AV	No vPro AMT supported			
2FB42AV	Country Localization			
2FB37AV	Dual Point SR Clb			
X7B43AV	eStar Enable IOPT			
1QE44AV	Core i7 G8 Label			

**Performance Standard Laptop**

3SH47AV	HP IDS UMA i7-8550U 16GB 1040 G5 BNBPC	1	\$	3,307.00	\$	1,250.00
3ZH55AV	Win 10 Pro 64					
3SH69AV	Wacom AES 2.0 Pen wApp Launch Btn					
3SH54AV	14 FHD BV LED UWVA 400 uslim TS					
3SH76AV	256GB M2 SATA-3 OPAL2 TLC SSD					
3SH70AV	No Near Field Communication (No NFC)					
3SH85AV	Intel 8265 ac 2x2 nvP +BT 4.2 WW 2Ant					
3SH68AV	No WWAN					
3SH42AV	4 Cell 56 WHr Long Life					
4WZ59AV	65 Watt nPFC C6NS USB-C AC Adapter					
4WZ60AV	C5NS 1.0m stkr PRM Power Cord FX DH BLK					
4BW11AV	1/1/0 Warranty					
K9D44AV	Bundle Request for 3/3/0 Travel PUR					
X9H42AV	No vPro AMT supported					
3SH89AV	Country Localization					
3ZJ70AV	Clickpad BL SR Cllb					
X7B43AV	eStar Enable IOPT					
2TD22AV	Core i7 sz2 G8 Label					

**Convertible Tablet Laptop****Value Convertible Tablet Laptop****Probook 11 X360 G4**

4ZC06AV	HP IDS UMA i5-8200Y 8GB x360 11 G4 BNBPC	1	\$	1,534.00	\$	640.00
4ZC10AV	Heather Gray +SOG PLA SPCL					
4SS11AV	OS Localization					
4ZC23AV	Win 10 Pro 64					
4ZC29AV	Integrated 5MP Webcam					
4ZC27AV	Digital Active Pen					
4ZC12AV	11.6 HD LED SVA 220 wCAM slim TS					
4ZC28AV	128GB SSD M2 SATA-3 TLC					
4ZC30AV	Intel 9260 ac 2x2 nvP 160MHz +BT 5 WW					
4ZC05AV	3 Cell 48 WHr Long Life					
4ZC03AV	45 Watt Smart nPFC RA AC Adapter					
4ZC34AV	C5 1.0m stkr CNVTL Power Cord					
5MR15AV	Clickpad SR f2CAM					
4ZC32AV	1/1/0 Warranty					
4ZC36AV	Country Localization					
X7B24AV	eStar Enable IOPT					
2TF36AV	Core i5 sz2 G8 Label					

**Standard Convertible Tablet Laptop****Probook 440 X360**

3HA72AV	HP IDS UMA i5-8250U x360 440 G1 BNBPC	1	\$	1,749.00	\$	718.00
3GS36AV	Natural Silver PLA					
3LJ80AV	Win 10 Pro 64					
3GS53AV	Integrated HD 720p DM Webcam					
3HA60AV	Digital Active Pen					
3GS37AV	14 FHD LED UWVA 220 fHDC slim TS					
3GS48AV	16GB (1x16GB) DDR4 2400					
3GS50AV	128GB SSD M2 SATA-3 TLC					
3HA61AV	No WLAN/ no Bluetooth					
3HA64AV	No WWAN					
3GS42AV	No Fingerprint Reader					
3JM13AV	3 Cell 48 WHr Long Life					
3HA55AV	45 Watt Smart nPFC RA AC Adapter					
3JF56AV	C5 1.0m Power Cord					
3JF59AV	1/1/0 Warranty					
3JF64AV	Country Localization					
3LJ71AV	Clickpad SR					
X7B24AV	eStar Enable IOPT					
1QE36AV	Core i5 G8 Label					



**Performance Convertible Tablet Laptop**

**1030 G3 X360**

2ZV68AV	HP IDS UMA i7-8650U 16GB 1030 G3 BNBPC	1	\$	3,656.00	\$	1,350.00
3CX82AV	Win 10 Pro 64					
3FQ66AV	Wacom AES 2.0 Pen wApp Launch Btn					
2YV95AV	13.3 FHD AG LED UWVA uslim TS					
2YW07AV	256GB PCIe NVMe TLC SSD					
2YW01AV	No Near Field Communication (No NFC)					
2YW14AV	Intel 8265 ac 2x2 +BT 4.2 WW					
2YW02AV	No WWAN					
2YV89AV	4 Cell 56 WHr Long Life					
5LS26AV	65 Watt nPFC C6NS USB-C AC Adapter					
5LS27AV	C5NS 1.0m stkr PRM Power Cord FX DH BLK					
3CX87AV	1/1/0 Warranty					
L0Z91AV	No Extend Warranty Service Bundle					
2YW00AV	AMT Enabled					
2YW19AV	Country Localization					
2YW20AV	Clickpad BL SR Clib					
X7B43AV	eStar Enable IOPT					
2TD23AV	Core i7 vPro sz2 G8 Label					

**Tablet Configurations**

**Standard Tablet**

**X2 612**

X4C18AV	HP IDS UMA M-7Y304GBfWWANx2612G2TABBNBPC	1	\$	2,148.00	\$	879.00
X9H69AV	Win 10 Pro 64					
Y5Z37AV	WACOM AES Pen wAPP Launch Btn					
X4C23AV	12 WUXGA+ BV LED UWVA uslim TS					
1VT88AV	128GB SSD M2 SATA-3 TLC					
X4C37AV	No Near Field Communication (No NFC)					
X4C40AV	Intel 8265 ac 2x2 nvP +BT 4.2 WW 2Ant					
X4C41AV	No WWAN					
X9H56AV	MISC No Fingerprint Sensor					
X4C27AV	No GPS					
X7Z67AV	45 Watt nPFC Wmnt USB-C AC Adapter					
X7Z68AV	C5 1.0m Power Cord w/duckhead					
Y0R05AV	1/1/0 Warranty					
X4C59AV	Bundle Request for 3/3/0 Travel PUR					
X9H47AV	No vPro AMT supported					
X4C24AV	Country Localization					
X4C36AV	Clickpad BL Clib Travel Keyboard					
X9H78AV	eStar Enable IOPT					
Z9Y75AV	Core m3 G7 Label					

**Performance Standard Tablet**

**X2 1012**

Y5E22AV	HP IDSUMAi7-7600U16GBfWWANx21012G2Tablet	1	\$	3,426.00	\$	1,394.00
Y5Z40AV	Win 10 Pro 64					
Y5E52AV	Integrated VGA IR Webcam					
Y5E39AV	WACOM AES Pen wAPP Launch Btn					
Y5E29AV	12.3 WQXGA+ BV LED UWVA uslim TS					
Y5E43AV	256GB SATA-3 SED OPAL2 TLC SSD					
Y5E54AV	Intel 8265 ac 2x2 +BT 4.2 WW 2Ant					
Y5E38AV	No WWAN					
Y5E31AV	MISC No Fingerprint Sensor					
Y5E32AV	No GPS					
Y6K63AV	65 Watt nPFC Wmnt USB-C AC Adapter					
Y6K67AV	C5 1.0m Power Cord w/duckhead					
Y6K69AV	1/1/0 Warranty					
K9D44AV	Bundle Request for 3/3/0 Travel PUR					
Y5E30AV	AMT Enabled					
Y6K62AV	Country Localization					
Y5E61AV	Clickpad BL Clib Travel Keyboard					
X9H78AV	eStar Enable IOPT					
Y8D10AV	Core i7 vPro G7 Label					

**Related Services**

UE332E	HP 3y NextBusDay Onsite/DMR DT Only SVC	1	\$12.00	\$12.00
UE333E	HP 4y NextBusDay Onsite/DMR DT Only SVC	1	\$24.00	\$24.00
UE334E	HP 5y NextBusDay Onsite/DMR DT Only SVC	1	\$48.00	\$48.00
U1G55E	HP 3y Nextbusday Onsite/DMR WS Only supp	1	\$12.00	\$12.00
U1G56E	HP 4y Nextbusday Onsite/DMR WS Only supp	1	\$27.00	\$27.00
U1G57E	HP 5y Nextbusday Onsite/DMR WS Onlysupp	1	\$52.00	\$52.00
UA6Z1E	HP 3y NextBusDayOnsite Notebook Only SVC	1	\$88.00	\$88.00
UA6Z2E	HP 4y NextBusDay Onsite NB Only HW Supp	1	\$127.00	\$127.00
UA6Z3E	HP 5y NextBusDay Onsite NB Only SVC	1	\$195.00	\$195.00
U7NT8E	HP 3y Travel Pickup Return NB Only SVC	1	\$37.00	\$37.00
AY102AV	HP PC Image Build & Load Service	1	\$23.00	\$23.00
AY128AV	HP Chassis Tagging SN+MAC1+UUID service	1	\$6.00	\$6.00
AY162AV	Project Management Rollout	1	\$1.00	\$1.00

**After Market Options**

3FF69UT	HP USB-C Dock G4 Promo	1	\$102.00	\$102.00
D9Y32UT	HP UltraSlim Docking Station	1	\$111.00	\$111.00
T6T83UT	HP Slim USB Keyboard and Mouse	1	\$27.00	\$27.00
T6L04UT	HP Slim Wireless KB and Mouse	1	\$40.00	\$40.00
T1A62UT	HP Keyed Cable Lock 10mm	1	\$20.00	\$20.00
AU656UT	Promo HP Docking Station Cable Lock	1	\$22.00	\$22.00
H4F02UT	HP HDMI to VGA Adapter	1	\$21.00	\$21.00
F7W97AA	HP Display Port to VGA Adapter	1	\$21.00	\$21.00
N9K76UT	HP USB-C to VGA Adapter	1	\$14.00	\$14.00
4SZ25UT	HP 14 Elite Notebook Portfolio Case	1	\$52.00	\$52.00
2SC68AA	HP 17.3 Business Roller Case	1	\$67.00	\$67.00
H2W17UT	HP Essential Top Load Case	1	\$15.00	\$15.00
PE838A	HP Evolution Plus Nylon Case	1	\$18.00	\$18.00
BM147UT	HP Promo Evolution Chckpoint Frndly Case	1	\$41.00	\$41.00
PE837A	HP Evolution Lite Nylon Case	1	\$31.00	\$31.00
PA845A	Ultra Nylon/Leather Computer Case	1	\$46.00	\$46.00
1JS00UT	HP ProBook x360 11 Case	1	\$24.50	\$24.50
2MY57UT	HP Black 11.6 Always On Case	1	\$16.00	\$16.00
3YF54UT	HP Black Always On 14.0 Case	1	\$34.00	\$34.00
1HM07UT	HP x2 1012 G2 Protective Case	1	\$28.00	\$28.00
Z7T26UT	HP x2 612 G2 Rugged Case	1	\$33.00	\$33.00
5AR72AA	HP USB-C to USB-C 100W Cable	1	\$14.00	\$14.00
Z6A00UT	HP USB-C to USB-A Hub	1	\$19.00	\$19.00
1WC36UT	HP USB-C to HDMI 2.0 Adapter Promo	1	\$12.00	\$12.00
N2Z63UT	HP USB-C to USB 3.0 Adapter	1	\$15.00	\$15.00
N9K78UT	HP USB-C to DisplayPort Adapter	1	\$15.00	\$15.00
V7W66UT	HP USB-C to RJ45 Adapter	1	\$18.00	\$18.00
2VY61UT	HP Elite12.5 Blk Leather Sleeve	1	\$33.00	\$33.00
2VY62UT	HP Elite13.3 Blk Leather Sleeve	1	\$33.00	\$33.00
2UW00UT	HP 13.3 Business Sleeve	1	\$10.00	\$10.00
2UW01UT	HP 14.1 Business Sleeve	1	\$10.00	\$10.00
4WW09AA	HP ZBOOK x360 PEN	1	\$59.00	\$59.00
4WW10AA	HP ZBook x360 Nib Kit For Active Pen	1	\$12.00	\$12.00
1VY59UT	HP ZBook x2 Pen Bundle	1	\$51.00	\$51.00
1VY60UT	HP ZBook x2 Pen Nib Set Bundle	1	\$6.00	\$6.00
4KL69UT	HP Rechargeable Active Pen	1	\$66.00	\$66.00
2EB40UT	HP x360 11 EMR wEraser Pen	1	\$30.00	\$30.00
3RV58AA	HP x360 11 Pen Nib Set	1	\$28.00	\$28.00
1FH00UT	HP Active Pen with Spare Tips	1	\$33.00	\$33.00
3RV57AA	HP Active Pen Nib Set	1	\$36.00	\$36.00
3KM16AA	HP SmartCard Pen Holder Set	1	\$22.00	\$22.00
T4Z24UT	HP Active Pen with App Launch	1	\$44.00	\$44.00
3RV56AA	HP Nib Set for Active Pen w/App	1	\$21.00	\$21.00
K8P73AA	HP Pro Tablet Active Pen	1	\$35.00	\$35.00
TOY14UT	HP Essential Keyed Cable Lock	1	\$16.00	\$16.00
T1A63UT	HP Master Keyed Cable Lock 10mm	1	\$22.00	\$22.00
T1A64UT	HP Dual Head Keyed Cable Lock	1	\$28.00	\$28.00
T1A65UT	HP Dual Head Master Cable Lock	1	\$33.00	\$33.00
AU656A6	HP Docking Station Bulk Cable Lock	1	\$396.00	\$396.00
AY474AA	HP Master Keyed Docking Lock	1	\$27.00	\$27.00
3DV65UT	HP USB-C Universal Dock NF	1	\$137.00	\$137.00
1MK33UT	HP USB-C Universal Dock	1	\$138.00	\$138.00

2LN85AA	HP 90W USB-C Power adapter	1	\$62.00	\$62.00
3PN48UT	HP 65W USB-C Slim Power Adapter	1	\$39.00	\$39.00
1HE08UT	HP 65W USB-C Power Adapter	1	\$31.00	\$31.00
1MZ01AA	HP 45W USB-C LC Power Adapter	1	\$25.00	\$25.00
1HE07UT	HP 45W USB-C G2 Power Adapter	1	\$34.00	\$34.00
4NR35UT	HP Power Ready 14.1 Elite Top Load	1	\$40.00	\$40.00
N9F71UT	HP Notebook Power Bank	1	\$89.00	\$89.00
3TB55UT	HP Promo USB-C Essential Power Bank	1	\$63.00	\$63.00
2NA10UT	HP USB-C Notebook Power Bank	1	\$107.00	\$107.00
2WP85UT	HP Power Bank Charging Module	1	\$462.00	\$462.00