

HP Air Force CCS-2/QEB 2017B

FA8771-10-A-0601



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July 2017



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Office Notebook (ONB)

HP ProBook 640 G3 Notebook PC



Agency Office Notebook (A-ONB)

HP ProBook 640 G3 Notebook PC

CCS-2/QEB 2017B

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Office Notebook (ONB)
HP ProBook 640 G3 Notebook PC

CONUS \$711
 OCONUS \$759

Specifications

- Windows 10 Pro 64-bit¹ (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- Preloaded 64-bit SDC 5.x with Office Suite (Default)
- 7th Generation Intel® Core™ i5-7200U with Intel® HD Graphics 4600 (2.5 GHz/3.2 GHz Turbo, 3 MB cache, 2 cores/4 threads)²
- 14" diagonal Full HD (1920 x 1080)³; 300 nits
- 8 GB (1x8 GB) DDR4 2133⁴
- 500 GB 7200 rpm FIPS 140-2 Certified Self Encrypting Drive (SED), NIST Certificate 1826; ATA-8, SATA 2.6, 3.0 Gb/s⁵
- Integrated Intel® HD³ Graphics 620
- 4 year next business day on-site with storage media retention⁶
- EPEAT® Gold registered⁷
- Dual voltage (100-240V 50/60 Hz) autosensing
- Integrated 720p HD³ webcam
- Integrated stereo speakers
- Trusted Computing Group certified Trusted Platform Module (TPM) version 2.0 - Infineon SLB9670TPM.2.0, BIOS protection as identified in NIST SP 800-147, BIOS settings comply
- Intel® Ethernet Connection I219-V 10/100/1000 IEEE 802.11 ac wireless (Intel 8265 ac 2x2 nvP +Bluetooth 4.2 WW); WPA2 enterprise certified⁸

Options

Item	Description	Vendor Part #	CONUS	OCONUS
MEMORY	16GB (2X8GB) DDR4 2133	X4J61AV	\$65.00	\$65.00
HARD DRIVE	512 GB TLC NAND FLASH FIPS 140-2 CERTIFIED SED OPAL 2	1JD87AV	\$254.00	\$254.00
DOCKING SOLUTION	HP ULTRASLIM DOCKING STATION WITH (1) VGA AND (2) DP CONNECTORS; 2ND DISPLAYPORT™ TO DVI ADAPTER TO SUPPORT SECOND DVI MONITOR (1ST DISPLAYPORT™ TO DVI ADAPTER INCLUDED IN BASE). 65W AC POWER PORT, RJ-45/ETHERNET PASS THRU, (3) USB 3.0 PORTS, (1) USB 3.0 CHARGING PORT, (1) LINE-IN, (1) LINE-OUT	E5C22AV#ABA	\$89.00	\$89.00
CARRY CASE	HP BASIC CARRYING CASE (BASIC)	Y4S89AV	\$15.00	\$15.00
	HP SLIM TOP LOAD	P6N20AA	\$31.00	\$31.00
	HP BUSINESS 4WHEEL ROLLER CASE (DELUXE)	H5M93AA	\$65.00	\$65.00
SPARE BATTERY	3 CELL 48 WHR LONG LIFE	Y7C19AV	\$40.00	\$40.00
KEYBOARD	HP USB 104-KEY STANDARD KEYBOARD	QY776AA#ABA	\$15.00	\$15.00
MOUSE	USB OPTICAL MOUSE	QY777AA#ABA	\$10.00	\$10.00
VIDEO CABLE	DVI TO DVI ADAPTER CABLE	DC198A	\$10.00	\$10.00
OPTICAL DRIVE	INTEGRATED DVD+/-RW SM DL	X4J59AV	\$12.00	\$12.00
WEBCAM	REMOVE INTEGRATED WEBCAM	1PY11AV; X4J53AV	\$15.00	\$15.00
OPERATING SYSTEM	OEM 64-BIT MS WINDOWS 10 (NON-NETWORK)	X4M88AV#ABA	\$1.00	\$1.00

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Agency Office Notebook (A-ONB)
HP ProBook 640 G3 Notebook PC

CONUS \$726
 OCONUS \$771

Specifications

- Windows 10 Pro 64-bit¹ (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- Preloaded 64-bit SDC 5.x with Office Suite (Default)
- 7th Generation Intel® Core™ i5-7200U with Intel® HD Graphics 4600 (2.5 GHz/3.1 GHz Turbo, 3 MB cache, 2 cores/4 threads)²
- 14" diagonal; Full HD (1920 x 1080)³; 300 nits
- 8 GB (1x8 GB) DDR4 2133⁴
- 500 GB 7200 rpm FIPS 140-2 Certified Self Encrypting Drive (SED), NIST Certificate 1826; ATA-8, SATA 2.6, 3.0 Gb/s⁵
- Integrated Intel® HD³ Graphics 620
- 4 year next business day on-site with storage media retention⁶
- EPEAT® Gold registered⁷
- Dual voltage (100-240V 50/60 Hz) autosensing
- Integrated 720p HD³ webcam
- Integrated stereo speakers
- Trusted Computing Group certified Trusted Platform Module (TPM) version 2.0 - Infineon SLB9670TPM.2.0, BIOS protection as identified in NIST SP 800-147, BIOS settings comply
- Intel® Ethernet Connection I219-V 10/100/1000 IEEE 802.11 ac wireless (Intel 8265 ac 2x2 nvP +Bluetooth 4.2 WW); WPA2 enterprise certified⁸

Options

Item	Description	Vendor Part #	CONUS	OCONUS
NIC	E-100BTX-FX-05MT-NA 100BTX TO 100BFX STANDALONE MTRJ EXTERNAL MEDIA CONVERTER	E-100BTX-FX-05(MT)-NA	\$159.00	\$159.00
	AT-MMC200/SC-90 10/100TX TO 100FX/SC FAST ETHERNET MINI MEDIA CONVERTER	A977471	\$85.00	\$85.00
	AT-MMC200/ST-90 10/100TX TO 100FX/ST FAST ETHERNET MINI MEDIA CONVERTER	A977472	\$85.00	\$85.00
	E-100BTX-FX-05(LC)-NA 100BASE-TX RJ-45 TO 100BASE-FX 1300NM MMF LC 2KM M	E-100BTX-FX-05(LC)-NA	\$143.00	\$143.00
	M/GE-T-SX-01 1000BASE-T RJ-45 TO 1000BASE-SX 850NM MM SC 220M MEDIA CONVERTER	M/GE-T-SX-01	\$182.00	\$182.00
MEMORY	16GB (2X8GB) DDR4 2133	X4J61AV	\$65.00	\$65.00
HARD DRIVE	512 GB TLC NAND FLASH FIPS 140-2 OPAL 2	1JD87AV	\$254.00	\$254.00
DOCKING SOLUTION	HP ULTRASLIM DOCKING STATION WITH (1) VGA AND (2) DP CONNECTORS	E5C22AV#ABA	\$89.00	\$89.00
CARRY CASE	HP BASIC CARRYING CASE (BASIC)	Y4S89AV	\$15.00	\$15.00
	HP SLIM TOP LOAD	P6N20AA	\$31.00	\$31.00
	HP BUSINESS 4WHEEL ROLLER CASE (DELUXE)	H5M93AA	\$65.00	\$65.00
SPARE BATTERY	3 CELL 48 WHR LONG LIFE	Y7C19AV	\$40.00	\$40.00
KEYBOARD	HP USB 104-KEY STANDARD KEYBOARD	QY776AA#ABA	\$15.00	\$15.00
MOUSE	USB OPTICAL MOUSE	QY777AA#ABA	\$10.00	\$10.00
VIDEO CABLE	DVI TO DVI ADAPTER CABLE	DC198A	\$10.00	\$10.00
OPTICAL DRIVE	INTEGRATED DVD+/-RW 5M DL	X4J59AV	\$13.00	\$13.00
DISABLE AUDIO	BIOS SETTINGS SERVICE (DISABLE AUDIO)	AY103AV	\$6.00	\$6.00
DISABLE WIRELESS	NO WLAN/ NO BLUETOOTH - CARD REMOVED	X4J54AV	-\$ (4.00)	-\$ (4.00)
DISABLE MICROPHONE	BIOS SETTINGS SERVICE (DISABLE MICROPHONE)	PART #	\$6.00	\$6.00
DISABLE WEBCAM	DISABLE INTEGRATED WEBCAM IN BIOS	PART #	\$6.00	\$6.00
	INTEGRATED WEBCAM REMOVED	1PY11AV X4J53AV	\$15.00	\$15.00
OPERATING SYSTEM	OEM 64-BIT MS WINDOWS 10 (NON-NETWORK)	X4M88AV	\$1.00	\$1.00

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Office Desktop (ODT-SFF)
HP EliteDesk 705 G3 Small Form Factor PC



Agency Office Desktop (A-ODT-SFF)
HP EliteDesk 705 G3 Small Form Factor PC – Agency



Office Desktop Microtower (ODT-MT)
HP EliteDesk 705 G3 Microtower PC



Ultrasmall Desktop (UDT)
HP EliteDesk 705 G3 Desktop Mini PC



Office Desktop (ODT-SFF)

HP EliteDesk 705 G3 Small Form Factor PC

CONUS \$431
 OCONUS \$486

Specifications

- Windows 10 Pro 64-bit¹ (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- Preloaded 64-bit SDC 5.x with Office Suite (Default)
- AMD PRO A8-9600 APU with Radeon™ R7 Graphics (3.1 GHz up to 3.4 GHz, 2 MB cache, 4 cores)⁹
- 8 GB DDR4-2133 1 DM; 4 slots; max capacity 64 GB⁴
- 500 GB, 7200 rpm, SATA 6.0 Gb/s, 3.5" Hard Disk Drive⁵
- AMD® Radeon™ R7 Series for Pro A8-9600 integrated graphics⁹
- 200W active PFC, dual voltage (100 - 240V 50/60 Hz) autosensing
- 4 year next business day on-site with storage retention⁶
- HP Internal Slim SATA SuperMulti Optical Drive: DVD+/-R 8X; DVD+/-RW 8X; DVD+/-R DL 8X; CD-R 24X; CD-RW 24X; 4.7GB single layer 8.5 GB dual layer¹⁰
- High Definition Audio with Realtek ALC221 codec (all ports are stereo)
- 10/100/1000 Broadcom NetXtreme Gigabit Ethernet Plus BCM 5762
- ENERGY STAR® certified and EPEAT® Gold registered⁷
- Trusted Computing Group certified Trusted Platform Module (TPM) version 2.0 - Infineon SLB9670TPM.2.0, BIOS protection as identified in NIST SP 800-147, BIOS settings comply
- HP USB 104-key enhanced keyboard with integrated FIPS 201-2 CAC reader; HP USB Optical Mouse

Options

Item	Description	Vendor Part #	CONUS	OCONUS
MEMORY UPGRADE	16GB (2x8GB) DDR42133 Memory	W5V74AV	\$65.00	\$65.00
PROCESSOR	6th Gen AMD® PRO A10-8770 3.5/3.8 GHZ (Graphics Upgrade included)	Z3A71AV	\$27.00	\$27.00
	6th Gen AMD® PRO A12-8870 APU 3.7/4.2 GHZ (Graphics Upgrade included)	Z3A72AV	\$45.00	\$45.00
HARD DRIVE	HP 256 GB SATA-3 SSD	W5V28AV	\$47.00	\$47.00
	HP 512 GB SATA-3 TLC SSD	W5V34AV	\$111.00	\$111.00
	HP 1 TB 7200 rpm SATA-3	W5U98AV	\$16.00	16.00
OPTICAL DRIVE	External USB KANGURU Blu-Ray Writer	U2-BDRW-SL-4	\$125.00	\$125.00
OPERATING SYSTEM	OEM 64-BIT MS WINDOWS 10 (NON-NETWORK)	W6R27AV	\$1.00	\$1.00

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Agency Office Desktop (A-ODT-SFF)

HP EliteDesk 705 G3 Small Form Factor PC – Agency

CONUS \$437
 OCONUS \$492

Specifications

- Windows 10 Pro 64-bit¹ (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- Preloaded 64-bit SDC 5.x with Office Suite (Default)
- AMD PRO A8-9600 APU with Radeon™ R7 Graphics (3.1 GHz up to 3.4 GHz, 2 MB cache, 4 cores)⁹
- 8 GB DDR4-2133 1 DM; 4 slots; max capacity 64 GB⁴
- 500 GB, 7200 rpm, SATA 6.0 Gb/s, 3.5" Hard Disk Drive⁵
- AMD® Radeon™ R7 Series for Pro A8-9600 integrated graphics⁹
- 200W active PFC, dual voltage (100 - 240V 50/60 Hz) autosensing
- 4 year next business day on-site with storage retention⁶
- HP Internal Slim SATA SuperMulti Optical Drive: DVD+/-R 8X; DVD+/-R DL 8X; CD-R 24X; CD-RW 24X; 4.7GB single layer 8.5 GB dual layer¹⁰
- High Definition Audio with Realtek ALC221 codec (all ports are stereo)
- 10/100/1000 Broadcom NetXtreme Gigabit Ethernet Plus BCM 5762
- ENERGY STAR® certified and EPEAT® Gold registered⁷
- Trusted Computing Group certified Trusted Platform Module (TPM) version 2.0 - Infineon SLB9670TPM.2.0, BIOS protection as identified in NIST SP 800-147, BIOS settings comply
- HP USB 104-key Standard Keyboard; HP USB Optical Mouse

Options

Item	Description	Vendor Part #	CONUS	OCONUS
NIC	AT-2711FX/MT-901 100Mbps MMF MTRJ 2KM W/BOOT ROM 1310nm (MTRJ Connector) - Fiber PCIe NIC	A977464	\$71.00	\$71.00
	AT-2711FX/SC-901 100Mbps MMF SC 2KM W/ BOOT ROM 1310nm (SC Connector) - Fiber PCIe NIC	A977465	\$71.00	\$71.00
	AT-2711FX/ST-901 100Mbps MMF ST 2KM W/ BOOT ROM 1310nm (ST Connector) - Fiber PCIe NIC	A977466	\$71.00	\$71.00
	AT-2711FX/LC-901 100Mbps MMF SC 2KM W/ BOOT ROM 1310nm (LC Connector) - Fiber PCIe NIC	A977463	\$71.00	\$71.00
	AT-2911SX/SC-901 1000BSX NIC MM SC 850nm (SX/SC Connector) - Fiber PCIe NIC	A977468	\$118.00	\$118.00
MEMORY UPGRADE	16GB (2x8GB) DDR42133 Memory	W5V74AV	\$65.00	\$65.00
PROCESSOR	6th Gen AMD® PRO A10-8770 3.5/3.8 GHZ (Graphics Upgrade included)	Z3A71AV	\$27.00	\$27.00
	6th Gen AMD® PRO A12-8870 APU 3.7/4.2 GHZ (Graphics Upgrade included)	Z3A72AV	\$45.00	\$45.00
HARD DRIVE	HP 256 GB SATA-3 SSD	W5V28AV	\$47.00	\$47.00
	HP 512 GB SATA-3 TLC SSD	W5V34AV	\$111.00	\$111.00
	HP 1 TB 7200 rpm SATA-3	W5U98AV	\$16.00	16.00
DISABLE AUDIO	BIOS Settings Service (Disable Audio in BIOS)	AY103AV	\$6.00	\$6.00
	Disable via Physical Means	NEED UNIQUE PART NUMBER	\$6.00	
OPTICAL DRIVE	External USB KANGURU Blu-Ray Writer	U2-BDRW-SL-4	\$125.00	\$125.00
OPERATING SYSTEM	OEM 64-BIT MS WINDOWS 10 (NON-NETWORK)	W6R27AV	\$1.00	\$1.00

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Office Desktop Microtower (ODT-MT)
HP EliteDesk 705 G3 Microtower PC

CONUS \$435
 OCONUS \$490

Specifications

- Windows 10 Pro 64-bit¹ (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- Preloaded 64-bit SDC 5.x with Office Suite (Default)
- AMD® PRO A8-9600 APU with Radeon™ R7 Graphics (3.1 GHz Base/3.4 GHz Max Boost Frequency, 2 MB L2 cache, 4 cores/ 4 threads)⁹
- 8 GB DDR4-2133 1 DM; max capacity 64 GB⁴
- 500 GB, 7200 rpm, SATA 6.0 Gb/s, 3.5" Hard Disk Drive⁵
- AMD® Radeon™ R7 Series for A8 PRO-9600 integrated graphics with 6 Radeon™ Cores. Support for Microsoft DirectX 11.1, OpenGL 4.1/4.1+, OpenCL 1.2, DirectX® 12 Compliant, Shader Model 5; Two DisplayPort™ to DVI adapters included⁹
- 280W (MT) active PFC, dual voltage (100 - 240V 50/60 Hz) autosensing
- 4 year next business day on-site with storage retention⁶
- HP Internal Slim SATA SuperMulti Optical Drive: DVD+/-R 8X; DVD+/-RW 8X; DVD+/-R DL 8X; CD-R 24X; CD-RW 24X; 4.7GB single layer 8.5GB dual layer¹⁰
- High Definition Audio with Realtek ALC221 codec (all ports are stereo)
- 10/100/1000 Broadcom NetXtreme Gigabit Ethernet Bus BCM 5762
- ENERGY STAR® certified and EPEAT® Gold registered⁷
- Trusted Computing Group certified Trusted Platform Module (TPM) version 2.0 - Infineon SLB9670TPM.2.0, BIOS protection as identified in NIST SP 800-147, BIOS settings comply.
- HP USB 104-key enhanced keyboard with integrated FIPS 201-2 CAC reader; HP USB Optical Mouse

Options

Item	Description	Vendor Part #	CONUS	OCONUS
MEMORY UPGRADE	16GB (2x8GB) DDR42133 Memory	W5V74AV	\$65.00	\$65.00
PROCESSOR	6th Gen AMD® PRO A10-8770 3.5/3.8 GHZ (Graphics Upgrade included)	Z3A71AV	\$27.00	\$27.00
	6th Gen AMD® PRO A12-8870 APU 3.7/4.2 GHZ (Graphics Upgrade included)	Z3A72AV	\$45.00	\$45.00
HARD DRIVE	HP 256 GB SATA-3 SSD	W5V30AV	\$48.00	\$48.00
	HP 512 GB SATA-3 TLC SSD	W5V36AV	\$113.00	\$113.00
	HP 1 TB 7200 rpm SATA-3	W5U98AV	\$16.00	16.00
OPTICAL DRIVE	External USB KANGURU Blu-Ray Writer	U2-BDRW-SL-4	\$125.00	\$125.00
OPERATING SYSTEM	OEM 64-BIT MS WINDOWS 10 (NON-NETWORK)	W6R27AV	\$1.00	\$1.00

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Ultrasmall Desktop (UDT)
HP EliteDesk 705 G3
Desktop Mini

CONUS \$483
 OCONUS \$537

Specifications

- Windows 10 Pro 64-bit¹ (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- Preloaded 64-bit SDC 5.x with Office Suite (Default)
- AMD® PRO A10-8770E APU with 7th Gen AMD® B350 FCH Chipset (1.6 GHz Base/3 GHz Turbo, 2MB L2 cache, 4 cores/ 4 threads), 35W⁹
- 8 GB DDR4-2133 SODIMM; max capacity 32 GB⁴
- 500 GB, 7200 rpm, SATA 6.0 Gb/s, 2.5" Hard Disk Drive⁵
- AMD® Radeon™ R7 Series for A10 PRO 8770E Discrete-Class Graphics. Support for Microsoft DirectX 11.1, OpenGL 4.1/4.1+, OpenCL 1.2, DirectX® 12 Compliant, Shader Model 5. Two DisplayPort™ to DVI adapters included⁹
- 65W Active PFC, dual voltage (100 - 240V 50/60 Hz) autosensing
- 4 year next business day on-site with storage retention⁶
- Internal HP Desktop Mini DVD-Writer ODD Expansion - DVD+/-R 8X; DVD+/-R DL 6X; DVD+RW 8X; DVD-RW 6X; CD-R,-RW 24X¹⁰
- High Definition Audio with Realtek ALC221 codec (all ports are stereo)
- 10/100/1000 Broadcom NetXtreme Gigabit Ethernet Plus BCM 5762
- ENERGY STAR® certified and EPEAT® Gold registered⁷
- Trusted Computing Group certified Trusted Platform Module (TPM) version 2.0 - Infineon SLB9670, BIOS protection as identified in NIST SP 800-147, UEFI v2.5; BIOS settings comply.
- HP USB 104-key enhanced keyboard with integrated FIPS 201-2 CAC reader; HP USB Optical Mouse

Options

Item	Description	Vendor Part #	CONUS	OCONUS
MEMORY	16GB (2x8GB) DDR4 2133 SODIMM	W6F02AV	\$55.00	\$55.00
MOUNT	HP LCD MONITOR QUICK RELEASE BRACKET	EM870AA	\$15.00	\$15.00
OPERATING SYSTEM	OEM 64-BIT MS WINDOWS 10 (NON-NETWORK)	W6R06AV	\$1.00	\$1.00

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High Performance Desktop (HPW) HP Z840 Workstation

CONUS \$2,387
OCONUS \$2,452

Specifications

- Windows 10 Pro 64-bit¹ (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- Preloaded 64-bit SDC 5.x with Office Suite (Default)
- Intel® Xeon® E5-2640 v4 64-bit 2.4 GHz/ 3.4 GHz Turbo, 10 Cores/ 20 Threads with 25 MB cache 2133 MHz RAM, Intel® C612 Chipset²
- 32 GB DDR4-2400 1-CPU Registered ECC (2x16 GB DIMMs); 16 DIMM Slots for DDR4 ECC Memory; max capacity 1 TB⁴
- 2 X 2 TB 7200 RPM 6 GB/sec 3.5" SATA with 64 MB cache⁵
- NVIDIA® Quadro® M2000 4 GB GDDR5 VRAM
- Dual voltage (110-240V 50/60 Hz) autosensing
- 4 year next business day on-site with storage media retention⁶
- HP Internal SATA Slim SuperMulti Optical Drive: DVD+/-R 8X; DVD+/-RW 8X; DVD+/-R DL 8X; CD-R 24X; CD-RW 24X; 4.7GB single layer 8.5GB dual layer; 9.5mm Slim DVD-Writer 1st ODD¹⁰
- ENERGY STAR® certified and EPEAT® Gold registered⁷
- Realtek ALC221 HD Integrated Audio - Front: (1) Headset and (1) Microphone; Rear: (1) Line-in (can be re-tasked as microphone), (1) Line-out
- Trusted Computing Group certified Trusted Platform Module (TPM) version 2.0 - Infineon SLB9660TPM.2.0, BIOS protection as identified in NIST SP 800-147, BIOS settings comply.
- Dual (2) Integrated Intel® I218LM PCIe 10/100/1000 GbE NICs
- HP USB 104-key enhanced keyboard with integrated FIPS 201-2 CAC reader

Options

Item	Description	Vendor Part #	CONUS	OCONUS
PROCESSOR	INTEL® XEON® E5-2660 V4 PROCESSOR 2.0/3.2GHZ	T9V11AV	\$539.00	\$539.00
	INTEL® XEON® E5-2687W V4 PROCESSOR 3.0/3.5 GHZ	T9V15AV	\$1,364.00	\$1,364.00
	INTEL® XEON® E5-2640 V4 IN DUAL CPU CONFIGURATION 2.4/3.4 GHZ	T9V08AV, T9V26AV	\$950.00	\$950.00
	INTEL® XEON® E5-2660 V4 PROCESSOR IN DUAL CPU CONFIGURATION 2.0GHZ/3.2GHZ	T9V11AV, T9V29AV	\$1,814.00	\$1,814.00
	INTEL® XEON® E5-2687W V4 PROCESSOR IN DUAL CPU CONFIGURATION 3.0 GHZ BASE/3.5 GHZ	T9V15AV, T9V33AV	\$3,464.00	\$3,464.00
MEMORY	64GB DDR4-2400 (4X16GB)USE T9W02AV FOR 1 CPU; USE T9W30AV FOR 2 CPUS	T9W02AV FOR 1 CPU; T9W30AV FOR 2 CPU	\$400.00	\$400.00
	128GB DDR4-2400 (8X16GB)USE T9W03AV FOR 1 CPU; USE T9W26AV FOR 2 CPUS	T9W03AV FOR 1 CPU; T9W26AV FOR 2 CPUS	\$1,120.00	\$1,120.00
	128GB DDR4-2400 (4X32GB)USE T9W03AV FOR 1 CPU USE T9W26AV FOR 2 CPUS	T9W03AV FOR 1 CPU; T9W26AV FOR 2 CPUS	\$1,120.00	\$1,120.00
	256GB DDR4-2400 (8X32GB)USE T9W05AV FOR 1 CPU; USE T9W32AV FOR 2 CPUS	T9W05AV FOR 1 CPU; T9W32AV FOR 2 CPUS	\$2,560.00	\$2,560.00
VIDEO CARD	NVIDIA® QUADRO M4000 8 GB GDDR5 VRAM,	M6V45AV	\$245.00	\$245.00
	NVIDIA® QUADRO P5000 16 GB GDDR5X	Z0B03AV, C7T72AV	\$946.00	\$946.00
CO-PROCESSOR	NVIDIA® TESLA K40 COMPUTE PROCESSOR; 12 GB GDDR5 (USE WITH NVIDIA QUADRO M4000)	F4A88AA, AY124AV	\$5,990.00	\$5,990.00
HARD DRIVE	256 GB SOLID STATE DRIVE - SATA 6 GB/S - BOOT DRIVE	J3K79AV	\$145.00	\$145.00
	HP 256GB SATA 6GB/S SSD AND (2) HP 4TB 7200 RPM SATA	J3L17AV, J3K96AV, J3K79AV	\$451.00	\$451.00
	HARD DRIVES IN RAID 5 PARITY ARRAY CONFIGURATION; LSI 9270-8I SAS 6GB/S ROC RAID CARD INCLUDED 8 TB FOUR (4) EACH 2 TB	J3K73AV, J3K94AV, J3L15AV, J3L38AV, J4Y57AV, G8X54AV	\$755.00	\$755.00
OPTICAL DRIVE	9.5MM SLIM BLU-RAY WRITER	G8U91AV	\$120.00	\$120.00
NIC	UPRADE NETWORK INTERFACE TO FIBER WITH 10 GB LC CONNECTOR	G8U80AV & G8U78AV	\$449.00	\$449.00
OPERATING SYSTEM	OEM 64-BIT MS WINDOWS 10 (NON-NETWORK)	N2G67AV	\$1.00	\$1.00
	OEM LINUX - REDHAT ENTERPRISE USB KEYBOARD INCLUDED WITH RED HAT ENTERPRISE LINUX.	G8W11AV, G8W13AV, N7F63AV#ABA	\$29.00	\$29.00

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¹ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See www.windows.com.

² Multi Core is designed to improve the performance of certain software products. Not all customers or software applications will necessarily benefit from the use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

³ HD content required to view HD images.

⁴ Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.

⁵ For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 36 GB (for Windows 10) of system disk is reserved for system recovery software.

⁶ Service levels and response times may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc.

⁷ EPEAT® Gold where HP registers commercial desktop products. See epeat.net for registration status in your country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options.

⁸ Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.

⁹ Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

¹⁰ Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.

¹¹ MIL-STD 810G testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

¹² Requires Windows.

¹³ For the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled.

¹⁴ HP BIOSphere features may vary depending on the PC platform and configurations.

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