

# HP Air Force CCS-2/QEB 2018B

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June 2018



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## HP Pro Family

### Get customized protection.

Confidently deploy the 12" diagonal HP Pro x2 612 G2, which strikes the right balance of mobility, durability, and security in a device that is designed to last.

HP Client Security<sup>12</sup> suite helps you quickly and easily encrypt your hard drive, permanently delete unwanted or discarded data<sup>13</sup>, restrict unauthorized access, and more, while HP BIOSphere boosts security and keeps mission-critical data and systems under lock and key with customizable authentication and BIOS-level passwords.<sup>14</sup>



**Network Slate Tablet (NST)**  
HP Pro x2 612 G2



**Office Desktop - MT (ODT-MT)**  
HP ProDesk 400 G4 Mini-Tower



**Office Desktop - SFF (ODT-SFF)**  
HP ProDesk 400 G4 Small Form Factor PC

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**Network Slate Tablet (NST)**  
**HP Pro x2 612 G2 Tablet**

CONUS \$991  
 OCONUS \$1,028

**Specifications**

- Windows 10 Pro 64-bit<sup>1</sup> (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- 12" Multi-Touch Display with Screen Rotation
- Intel® Core™ i5-7Y54 Processor (1.2GHz, up to 3.2GHz, 4 MB cache, 2 cores)<sup>2</sup>
- 8 GB memory<sup>4</sup>
- 256 GB 2280 M.2 SATA-3 Self Encrypted OPAL2 TLC SSD<sup>5</sup>
- Intel® HD Graphics 615<sup>3</sup>
- Dual voltage (110-240v 50/60 Hz) autosensing (Power cable included)
- 4-cell, long life 41 Wh Li-ion - Up to 10 hours
- 4-year next business day on-site with storage media retention
- EPEAT® Gold registered<sup>7</sup>
- FIPS 201-2 compliant Integrated Smart Card Reader
- Trusted Computing Group certified TPM 2.0 chip enabled - Infineon SLB9670 TPM 2.0 Product Revision 7.62
- Common Criteria Certified
- FIPS 140-2 Compliant Encryption Module, Certificate #2959
- High definition integrated audio
- Integrated webcam
- HP USB-C to DisplayPort Adapter

**Options**

Item	Description	Vendor Part #	CONUS	OCONUS
DOCKING SOLUTION	(2) USB 3.0, (2) USB 2.0, (1) USB-C™ PORT	2EM46AV#ABA	\$90.00	\$90.00
CARRYING CASE	HP PORTFOLIO CASE	2UW01AA	\$11.00	\$11.00
KEYBOARD	HP USB 104-KEY STANDARD KEYBOARD	Z9H48AA#ABA	\$26.00	\$26.00
MOUSE	HP USB OPTICAL 2-BUTTON MOUSE	QY777AA#ABA	\$8.00	\$8.00
OPERATING SYSTEM	OEM MS WINDOWS 10 PRO	X9H69AV#ABA	\$0.00	\$0.00
REMOVABLE MEDIA	HP USB EXTERNAL DVD+/-RW DUAL LAYER DRIVE	F2B56AA	\$45.00	\$45.00

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HP Pro Family



**Office Desktop – SFF (ODT-SFF)**  
**HP ProDesk 400 G4 Small Form Factor PC**

CONUS \$425  
 OCONUS \$479

**Specifications**

- Windows 10 Pro 64-bit<sup>1</sup> (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- 7th Gen. Intel® Pentium® G4560 processor with Intel® H270 Chipset (3.5 GHz Base Frequency, 3 MB cache, 2 cores, 4 threads)<sup>2</sup>
- 8 GB memory<sup>4</sup>
- HP 500 GB HDD 7200 RPM<sup>5</sup>
- Intel® HD Graphics 610<sup>3</sup>
- Dual voltage (110-240v 50/60 Hz) autosensing (Power cable/adaptor included)
- 4-year next business day on-site with storage media retention
- EPEAT® Gold registered<sup>7</sup>
- FIPS 201-2 compliant CAC Reader
- Trusted Computing Group certified TPM 2.0 chip enabled - Infineon SLB9670 TPM 2.0 Product Revision 7.62
- Common Criteria Certified
- FIPS 140-2 Compliant Encryption Module, Certificate #2959
- High Definition Integrated Audio

**Options**

Item	Description	Vendor Part #	CONUS	OCONUS
MEMORY	16GB	Y5S06AV	\$85.00	\$85.00
PROCESSOR	INTEL® PENTIUM® G4600 PROCESSOR WITH INTEL® HD GRAPHICS 630	Z6W82AV	\$45.00	\$45.00
	INTEL® CORE™ I3-7300	Z6W74AV, 1CP80AV	\$110.00	\$110.00
GRAPHICS	INTEL® HD GRAPHICS 630	Z6W82AV OR Z6W74AV, 1CP80AV	\$0.00	\$0.00
STORAGE	HP 256 GB SATA-3 SSD	Y5R80AV	\$55.00	\$55.00
	HP 512 GB SATA-3 TLC SSD	1FL51AV	\$130.00	\$130.00
	HP 1 TB 7200 RPM SATA-3	Y5R58AV	\$10.00	\$10.00
OPERATING SYSTEM	OEM MICROSOFT WINDOWS 10 PROFESSIONAL EDITION (NOT FOR USE ON AIR FORCE INFORMATION NETWORK)	Y5W22AV#ABA	\$0.00	\$0.00
REMOVABLE MEDIA	INTERNAL DVD+/-RW DUAL LAYER	1DU59AV	\$7.00	\$7.00

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**Office Desktop – MT (ODT-MT)**  
**HP ProDesk 400 G4 Mini-Tower**

CONUS \$437  
 OCONUS \$491

**Specifications**

- Windows 10 Pro 64-bit<sup>1</sup> (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- 7th Gen. Intel® Pentium® G4560 processor with Intel® H270 Chipset (3.5 GHz Base Frequency, 3 MB cache, 2 cores, 4 threads)<sup>2</sup>
- 8 GB memory<sup>4</sup>
- HP 500 GB HDD 7200 RPM<sup>5</sup>
- Intel® HD Graphics 610<sup>3</sup>
- Dual voltage (110-240v 50/60 Hz) autosensing (Power cable included)
- 4-year next business day on-site with storage media retention
- EPEAT® Gold registered<sup>7</sup>
- FIPS 201-2 compliant CAC Reader
- Trusted Computing Group certified TPM 2.0 chip enabled - Infineon SLB9670 TPM 2.0 Product Revision 7.62
- Common Criteria Certified
- FIPS 140-2 Compliant Encryption Module, Certificate #2959
- High Definition Integrated Audio

**Options**

Item	Description	Vendor Part #	CONUS	OCONUS
MEMORY	16GB	Y4Q84AV	\$85.00	\$85.00
PROCESSOR	INTEL® PENTIUM® G4600 PROCESSOR WITH INTEL® HD GRAPHICS 630	Z7X98AV	\$45.00	\$45.00
	INTEL® CORE™ I3-7300	Z7X90AV, 1CP80AV	\$110.00	\$110.00
VIDEO CARD	INTEL® HD GRAPHICS 630	Z7X98AV OR (Z7X90AV, 1CP80AV)	\$0.00	\$0.00
STORAGE	HP 256 GB SATA-3 SSD	Y4R01AV	\$55.00	\$55.00
	HP 512 GB SATA-3 TLC SSD	Y4R03AV	\$130.00	\$130.00
	HP 1 TB 7200 RPM SATA-3	Y4Q27AV	\$10.00	\$10.00
OPERATING SYSTEM	OEM MICROSOFT WINDOWS 10 PROFESSIONAL EDITION (NOT FOR USE ON AIR FORCE INFORMATION NETWORK)	Y4R61AV#ABA	\$0.00	\$0.00
REMOVABLE MEDIA	INTERNAL DVD+/-RW DUAL LAYER	1DU48AV	\$7.00	\$7.00

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## HP Elite PCs

### Strong security, powerful manageability

Get industry-leading security features, innovative engineering, and high-quality materials with durable HP Elite PCs.



### Ultra-Lightweight Notebook (U-LNB)

HP EliteBook 820 G4 Notebook PC

## HP Workstations

### Possibilities without limitations

Your work is critical and your workstation needs to back you up. When it comes to reliable workstations that won't quit, think Z. HP Z Workstations feature no compromise reliability, help secure data integrity, and provide easy serviceability all from a system that has reliability built into its DNA.



### Agency Performance Desktop (A-PDT)

HP Z240 Tower Workstation



### Agency Mobile Workstation (A-MWS)

HP ZBook 15 G4 Mobile Workstation



**Ultra-Lightweight Notebook (U-LNB)**  
**HP EliteBook 820 G4 Notebook PC**

CONUS \$802  
 OCONUS \$851

**Specifications**

- Windows 10 Pro 64-bit<sup>1</sup> (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- Preloaded 64-bit SDC 5.x with Office Suite (Default)
- 7th Gen Intel® Core™ i5-7200U with chipset integrated on processor, 2.5 GHz Base/3.1 GHz Max Turbo Frequency; 3 MB SmartCache, 2 cores/4 threads<sup>2</sup>
- 8GB (2x4GB) DDR4 2133<sup>4</sup>
- 500 GB 7200 rpm 6 Gb/s<sup>5</sup>
- FIPS 140-2 Certified SED, NIST Certified; Certificate #1826
- Integrated Intel® HD<sup>3</sup> Graphics 620
- Intel 8265 ac 2x2 nvP +Bluetooth 4.2 WW<sup>8</sup>
- Dual voltage (100-240V 50/60 Hz) autosensing
- 4 year next business day on-site with storage media retention<sup>6</sup>
- EPEAT® Gold registered<sup>7</sup>
- Trusted Computing Group certified TPM 2.0 chip enabled - Infineon SLB9670 TPM 2.0 Product Revision 7.62
- Common Criteria Certified
- Integrated 720p HD<sup>3</sup> webcam

**Options**

Item	Description	Vendor Part #	CONUS	OCONUS
MEMORY UPGRADE	16GB (2X8GB) DDR4 2133	X3T77AV	\$80.00	\$80.00
HARD DRIVE	M.2 2280 512 GB TLC NAND FLASH SATA 6 GB/S SSD FIPS 140-2 CERTIFIED SED, NIST CERTIFIED; CERT #2848	Z4B82AV	\$190.00	\$190.00
DOCKING SOLUTION	HP ULTRASLIM DOCKING STATION	E5C22AV#ABA	\$90.00	\$90.00
CARRYING CASE	HP BUSINESS TOP LOAD CASE	Y4S89AV	\$14.00	\$14.00
	HP BUSINESS SLIM TOP LOAD CASE	H5M91AA	\$23.00	\$23.00
	HP EXECUTIVE CARRY CASE WITH ROLLERS	Z5C68AA	\$80.00	\$80.00
KEYBOARD	HP USB 104-KEY STANDARD KEYBOARD	QY776AA#ABA	\$15.00	\$15.00
MOUSE	HP USB OPTICAL MOUSE	QY777AA#ABA	\$8.00	\$8.00
OPERATING SYSTEM	OEM MS WINDOWS 10 PRO 64-BIT (NON-NETWORK)	X9C81AV#ABA	\$0.00	\$0.00

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HP Z Workstations



Agency Performance Desktop (A-PDT)

HP Z240 Tower Workstation

CONUS \$692

OCONUS \$776

Specifications

- Windows 10 Pro 64-bit<sup>1</sup> (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- 7th Gen Intel® Core™ i5-7500 Processor (4 cores/4 threads, 3.4 GHz Base/3.8 GHz Max Turbo Frequency, 6MB SmartCache, 65W)<sup>2</sup>
- 16 GB memory<sup>4</sup>
- 1 TB Hard Drive 7200 RPM<sup>5</sup>
- Integrated Intel® HD Graphics 630 (Core i3/i5/i7 CPUs)<sup>3</sup>
- Dual voltage (110-240v 50/60 Hz) autosensing (Proper power cable included)
- 4-year next business day on-site with storage media retention
- EPEAT® Gold registered<sup>7</sup>
- Trusted Computing Group certified TPM 2.0 chip enabled
- Common Criteria Certified
- FIPS 140-2 Compliant Encryption Module, Certificate #2959
- High Definition integrated Audio
- 6 USB 3.0, 4 USB 2.0
- USB Business Slim Wired 104-key keyboard with integrated FIPS 201-2 compliant CAC Reader

Options

Item	Description	Vendor Part #	CONUS	OCONUS
MEMORY	32GB	1CA62AV	\$160.00	\$160.00
	64GB	1CA68AV	\$480.00	\$480.00
PROCESSOR	7TH GEN INTEL® CORE™ I7-7700 WITH 6TH GEN INTEL® C236 CHIPSET	1AE12AV	\$100.00	\$100.00
	7TH GEN INTEL® CORE™ I7-7700K PROCESSOR WITH 6TH GEN INTEL® C236 CHIPSET	1AE11AV	\$155.00	\$155.00
GRAPHICS	NVIDIA® QUADRO® P600 2GB	1ME04AV	\$110.00	\$110.00
	NVIDIA® QUADRO® P1000 4GB	1MD98AV	\$215.00	\$215.00
STORAGE	HP 1TB 7200 RPM	M6U91AV, N4L49AV	\$45.00	\$45.00
	HP 2TB 7200 RPM SATA HARD DRIVE	M6U83AV, M6U92AV, N4L49AV	\$85.00	\$85.00
OPERATING SYSTEM	OEM LINUX - REDHAT ENTERPRISE "WORKSTATION" OR "DESKTOP" VERSION. USB KEYBOARD INCLUDED WITH RED HAT ENTERPRISE LINUX.	P3F89AV, M6Q31AV, P3F90AV, M6Q10AV	\$67.00	\$67.00
REMOVABLE MEDIA	INTERNAL DVD+/-RW DUAL LAYER	1HH49AV	\$12.00	\$12.00
REMOVABLE HARD DRIVE	HP DX115 REMOVABLE HDD FRAME/CARRIER	FZ576AA; AY105AV	\$130.00	\$130.00
KEYBOARD	104-KEY STANDARD KEYBOARD W/O CAC READER	1QL79AV#ABA	\$6.00	\$6.00

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HP Z Workstations



**Agency Mobile Workstation (A-MWS)**  
**HP ZBook 15 G4 Mobile Workstation**

CONUS \$1,214  
 OCONUS \$1,248

**Specifications**

- Windows 10 Pro 64-bit<sup>1</sup> (Windows 10 Enterprise 64-bit available with a Volume License Agreement)
- Preloaded 64-bit SDC 5.x with Office Suite (Default)
- 7th Gen Intel® Core™i5-7440HQ Processor with Mobile Intel® CM238 Chipset 2.8GHz /3.8GHz Turbo frequency, 6MB L3 Cache, 4 cores/8 threads<sup>2</sup>
- 15.6 in diagonal LED Backlit
- 16GB (2x8GB) DDR4 2400<sup>4</sup>
- 500 GB 7200 rpm 6 Gb/s<sup>5</sup>
- Trusted Computing Group certified TPM 2.0 chip enabled - Infineon SLB9670 TPM 2.0 Product Revision 7.62
- Common Criteria Certified
- FIPS 140-2 Compliant Encryption Module, Certificate #2959
- FIPS 140-2 Certified SED, NIST Certified; Certificate #1826
- Integrated Intel® HD3 Graphics 630
- Intel 8265 ac 2x2 nvP +Bluetooth 4.2 WW<sup>8</sup>
- Dual voltage (100-240V 50/60 Hz) autosensing
- Bang & Olufsen HD integrated audio
- Integrated HD<sup>3</sup> 720p DualAryMic Webcam
- 4 year next business day on-site with storage media retention<sup>6</sup>
- EPEAT® Gold registered<sup>7</sup>

**Options**

Item	Description	Vendor Part #	CONUS	OCONUS
MEMORY	32GB	USE Y4F19AV W/ XEON PROCESSOR; USE Y4F16AV W/I7 PROCESSOR	\$210.00	\$210.00
	64GB	USE Y4F21AV W/ XEON PROCESSOR; USE Y4F20AV W/I7 PROCESSOR	\$620.00	\$620.00
STORAGE	M.2 2280 512 GB TLC NAND FLASH SATA 6 GB/S SSD FIPS 140-2 CERTIFIED SED, NIST CERTIFIED; CERT #2848	Z9G09AV, Z3Y01AV	\$289.00	\$289.00
	M.2 2280 1 TB TLC NAND FLASH (2X512 GB) SATA 6 GB/S SSD FIPS 140-2 CERTIFIED SED, NIST CERTIFIED; CERT #2848	Z9G09AV, Z3Y01AV, Z9G10AV	\$618.00	\$618.00
	M.2 2280 SSD & 7200 RPM HDD (BOTH SATA 6 GB/S) 1TB (512 GB SSD & 500 GB 7200 RPM) FIPS 140-2 CERTIFIED SED, NIST CERTIFIED; CERT #2848 & CERT #1826	Z9G09AV, Y4E94AV	\$329.00	\$329.00
PROCESSOR	INTEL® XEON® E3-1505M V6 PROCESSOR WITH MOBILE INTEL® CM238 CHIPSET	Y4E84AV, 1AF06AV, 2NW42AV#ABA, Y4F14AV	\$375.00	\$375.00
GRAPHICS	NVIDIA® QUADRO® M620 2GB GRAPHICS	Y4E91AV	\$90.00	\$90.00
DOCKING SOLUTION	(2) USB 3.0, (2) USB 2.0, (1) USB-C™ PORT	3FT63AV#ABA	\$90.00	\$90.00
CARRY CASE	BASIC CARRY CASE	H1D25AA	\$17.00	\$17.00
	DELUXE CARRY CASE	P8A08AV	\$18.00	\$18.00
	EXECUTIVE CARRY CASE WITH ROLLER	Z5C68AA	\$80.00	\$80.00
KEYBOARD	HP USB 104-KEY STANDARD KEYBOARD	QY776AA#ABA	\$15.00	\$15.00
MOUSE	HP USB OPTICAL 2-BUTTON MOUSE	QY777AA#ABA	\$8.00	\$8.00
OPERATING SYSTEM	WINDOWS 10 PRO 64 FOR WORKSTATIONS (FOR USE WITH XEON PROCESSORS)	2NW42AV#ABA	\$40.00	\$40.00
REMOVABLE MEDIA	EXTERNAL BLU-RAY/-RW DUAL LAYER	A983166	\$118.00	\$118.00

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<sup>1</sup> 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](http://www.windows.com).

<sup>2</sup> 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, branding and/or naming is not a measurement of higher performance.

<sup>3</sup> HD content required to view HD images.

<sup>4</sup> 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.

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

<sup>6</sup> 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](http://www.hp.com/go/cpc).

<sup>7</sup> EPEAT® Gold where HP registers commercial desktop products. See [epeat.net](http://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](http://www.hp.com/go/options).

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

<sup>9</sup> 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.

<sup>10</sup> 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.

<sup>11</sup> 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.

<sup>12</sup> Requires Windows.

<sup>13</sup> 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.

<sup>14</sup> HP BIOSphere features may vary depending on the PC platform and configurations.

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