



HP Business Slim Smartcard Keyboard (Z9H48AA)

Active as of 15/02/2017



Overview

Boost your productivity, make a stylish IT choice, and get integrated security features with the HP USB Slim Smartcard Keyboard, which has a built-in smart card reader and is designed to complement the latest HP Business PCs.

Bold redesign

Pair your PC with a sleek, restyled, reduced-size keyboard that packs a familiar layout, function keys, and number pad into a space-saving design. Updated key light indicators alert you when Caps lock, Num lock, and Scroll are on or off.

Quiet and durable

Keep your work environment quiet with lubricated keys, and breathe easy when minor spills happen with the built-in spill drain that makes the keyboard easy to clean.¹

Smart security

Get a smart card reader that's conveniently located in line of sight at the top of the keyboard to help you remember to take your card out. Compatibility with Class A, B, and C smart cards helps prevent hacking and firmware changes in the keyboard.

USB connectivity

Easily connect the keyboard to any USB port on your PC. The included 6 ft (1.8 m) USB cable gives you plenty of room to move the keyboard around your workspace.

Specifications

Form factor

Low-profile design

Ergonomic features

Ergonomic compliance: ISO 9241-410, TUV GS

LED

3

Buttons

104, 105, 106, 107, 109 layout (depending upon country)

Connector description

USB Port

Compatible Operating Systems

Windows 10 Home 32, Windows 10 Home 64, Windows 10 Pro 32, Windows 10 Pro 64, Windows 7 Professional (available through downgrade rights from Windows 8.1 Pro Update), Windows 8.1 Enterprise 32, Windows 8.1 Enterprise 64, Windows 8.1 32, Windows 8.1 64, Windows 8.1 Pro 32, Windows 8.1 Pro 64, Windows 8 Enterprise 32, Windows 8 Enterprise 64, Windows 8 32, Windows 8 64, Windows 8 Pro 32, Windows 8 Pro 64, Windows 7 Professional (available through downgrade rights from Windows 8 Pro)

Color

Black

Minimum dimensions (W x D x H)

14.45 x 44.06 x 1.89 cm

Weight

0.6± 0.08 kg

UPC number

(ABA) 190780958537

Country of origin

Made in China

What's in the box

Keyboard

Installation Guide

Warranty Card

Safety and Comfort Guide

Warranty

1 Year Limited Warranty (Return to HP/Dealer - Standard Bench Repair & Phone-in Assistance)

Overview

- 1 Refer to cleaning instructions in user guide.

Quick specs (2)

HP USB Business Slim Smartcard Keyboard

Research or buy HP printers, desktops, laptops, servers, storage, enterprise solutions and more at the Official HP Inc. Website.

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Research or buy HP printers, desktops, laptops, servers, storage, enterprise solutions and more at the Official HP Inc. Website.

Images - Product (1)



Left facing

- | | |
|-----------------------------------|-----------------------------------|
| 54 x 41 (jpg) | 54 x 41 (png) |
| 100 x 70 (jpg) | 96 x 72 (jpg) |
| 96 x 72 (png) | 99 x 74 (png) |
| 153 x 115 (png) | 180 x 135 (png) |
| 240 x 180 (jpg) | 240 x 180 (png) |
| 247 x 185 (png) | 170 x 190 (jpg) |
| 257 x 193 (png) | 320 x 240 (jpg) |
| 320 x 240 (png) | 474 x 356 (png) |
| 513 x 385 (png) | 400 x 400 (jpg) |
| 400 x 400 (png) | 573 x 430 (png) |
| 800 x 600 (png) | 1500 x 620 (jpg) |
| 1659 x 1246 (png) | 4984 x 1612 (png) |
| 4991 x 1697 (jpg) | |

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Business Desktop PCs

All-in-One Desktop PCs

Active	HP EliteOne 1000 G1 23.8-in All-in-One Business PC	2YZ51PA
Active	HP EliteOne 1000 G1 23.8-in All-in-One Business PC	2YZ52PA
Active	HP EliteOne 1000 G1 27-in 4K UHD All-in-One Business PC	2SX39AW
Active	HP EliteOne 1000 G1 27-in 4K UHD All-in-One Business PC	2SX40AW
Active	HP EliteOne 1000 G1 27-in 4K UHD All-in-One Business PC	2YZ13PA
Active	HP EliteOne 1000 G1 27-in 4K UHD All-in-One Business PC	3AV28PA

HP EliteDesk Desktop PCs

Active	HP EliteDesk 705 35W G4 Desktop Mini PC	4YH04PA
Active	HP EliteDesk 705 G3 Desktop Mini PC	1AA86AW
Active	HP EliteDesk 705 G3 Desktop Mini PC	1AA87AW
Active	HP EliteDesk 705 G3 Desktop Mini PC	Y5H55AW
Active	HP EliteDesk 705 G3 Desktop Mini PC	Y5H56AW
Active	HP EliteDesk 705 G3 Microtower PC	1AJ63AW
Active	HP EliteDesk 705 G3 Microtower PC	Y5W04AW
Active	HP EliteDesk 705 G3 Microtower PC	Y9D75PA
Active	HP EliteDesk 705 G3 Small Form Factor PC	1AJ64AW
Active	HP EliteDesk 705 G3 Small Form Factor PC	1AJ65AW
Active	HP EliteDesk 705 G3 Small Form Factor PC	3EB34PA
Active	HP EliteDesk 705 G3 Small Form Factor PC	Y5W05AW
Active	HP EliteDesk 705 G3 Small Form Factor PC	Y5W06AW
Active	HP EliteDesk 705 G4 Small Form Factor PC	4ZL38AW
Active	HP EliteDesk 705 G4 Small Form Factor PC	5AH62PA
Active	HP EliteDesk 705 G4 Small Form Factor PC	5LR65PA
Active	HP EliteDesk 800 35W G3 Desktop Mini PC	1DJ14PA
Active	HP EliteDesk 800 35W G3 Desktop Mini PC	1DJ15PA
Active	HP EliteDesk 800 35W G3 Desktop Mini PC	1HL44AW
Active	HP EliteDesk 800 35W G3 Desktop Mini PC	1HL45AW
Active	HP EliteDesk 800 35W G4 Desktop Mini PC	4SV43PA
Active	HP EliteDesk 800 35W G4 Desktop Mini PC	4SV44PA
Active	HP EliteDesk 800 35W G4 Desktop Mini PC	4SV45PA
Active	HP EliteDesk 800 35W G4 Desktop Mini PC	4SV46PA
Active	HP EliteDesk 800 35W G4 Desktop Mini PC	4ZE06PA
Active	HP EliteDesk 800 35W G4 Desktop Mini PC	4ZE07PA
Active	HP EliteDesk 800 35W G4 Desktop Mini PC	4ZE09PA
Active	HP EliteDesk 800 35W G4 Desktop Mini PC	4ZE12PA
Active	HP EliteDesk 800 35W G4 Desktop Mini PC	5HU26PA
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	1DJ16PA
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	1DJ17PA
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	1HL46AW

Active	HP EliteDesk 800 65W G3 Desktop Mini PC	1HL47AW
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	1LU16AW
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	1LU17AW
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	1LU18AW
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	1LU19AW
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	3CH31PA
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	3FF61PA
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	3FH54PA
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	3FH56PA
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	3FH59PA
Active	HP EliteDesk 800 65W G3 Desktop Mini PC	3UW46PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	1FU42AW
Active	HP EliteDesk 800 G3 Small Form Factor PC	1FU43AW
Active	HP EliteDesk 800 G3 Small Form Factor PC	1KL68AW
Active	HP EliteDesk 800 G3 Small Form Factor PC	1KL69AW
Active	HP EliteDesk 800 G3 Small Form Factor PC	1ME55PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	1ME79PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	1ME80PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	1ME81PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	1ME82PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	3CH27PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	3FF60PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	3FH57PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	3FH58PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	3FH64PA
Active	HP EliteDesk 800 G3 Small Form Factor PC	5LB58PA
Active	HP EliteDesk 800 G3 Tower PC	1FU44AW
Active	HP EliteDesk 800 G3 Tower PC	1FU45AW
Active	HP EliteDesk 800 G3 Tower PC	1KL70AW
Active	HP EliteDesk 800 G3 Tower PC	1KL71AW
Active	HP EliteDesk 800 G3 Tower PC	1ME57PA
Active	HP EliteDesk 800 G3 Tower PC	1ME83PA
Active	HP EliteDesk 800 G3 Tower PC	1ME84PA
Active	HP EliteDesk 800 G3 Tower PC	1ME85PA
Active	HP EliteDesk 800 G3 Tower PC	1ME86PA
Active	HP EliteDesk 800 G3 Tower PC	1TY78PA
Active	HP EliteDesk 800 G3 Tower PC	2HA47PA
Active	HP EliteDesk 800 G3 Tower PC	2HA71PA
Active	HP EliteDesk 800 G4 Small Form Factor PC	4SA59AW
Active	HP EliteDesk 800 G4 Small Form Factor PC	4SA60AW
Active	HP EliteDesk 800 G4 Small Form Factor PC	4SA61AW
Active	HP EliteDesk 800 G4 Small Form Factor PC	4SQ69PA

Active	HP EliteDesk 800 G4 Small Form Factor PC	4SQ87PA
Active	HP EliteDesk 800 G4 Small Form Factor PC	4TP98PA
Active	HP EliteDesk 800 G4 Small Form Factor PC	4VT28PA
Active	HP EliteDesk 800 G4 Small Form Factor PC	4VT30PA
Active	HP EliteDesk 800 G4 Small Form Factor PC	4ZE10PA
Active	HP EliteDesk 800 G4 Small Form Factor PC	4ZE14PA
Active	HP EliteDesk 800 G4 Small Form Factor PC	5MG86PA
Active	HP EliteDesk 800 G4 Tower PC	4WR93PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	1MF01PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	1MF45PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	1MF46PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	1TY92PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	1TY93PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	2MA62PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	3FF78PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	3YF09PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	4NZ05PA
Active	HP EliteOne 800 G3 23.8-inch Non-Touch All-in-One PC	5LB18PA
Active	HP EliteOne 800 G3 23.8-inch Touch All-in-One PC	1LU42AW
Active	HP EliteOne 800 G3 23.8-inch Touch All-in-One PC	1MF00PA
Active	HP EliteOne 800 G3 23.8-inch Touch All-in-One PC	1MF47PA
Active	HP EliteOne 800 G3 23.8-inch Touch All-in-One PC	1MF48PA
Active	HP EliteOne 800 G3 23.8-inch Touch All-in-One PC	1TY28PA
Active	HP EliteOne 800 G3 23.8-inch Touch All-in-One PC	1TY94PA
Active	HP EliteOne 800 G3 23.8-inch Touch All-in-One PC	3FV97PA
Active	HP EliteOne 800 G3 23.8-inch Touch All-in-One PC	4NZ06PA
Active	HP EliteOne 800 G4 23.8-inch Non-Touch All-in-One PC	4WR95PA
Active	HP EliteOne 800 G4 23.8-inch Non-Touch All-in-One PC	4WR96PA
Active	HP EliteOne 800 G4 23.8-inch Non-Touch All-in-One PC	4YM06PA
Active	HP EliteOne 800 G4 23.8-inch Non-Touch All-in-One PC	4YM08PA
Active	HP EliteOne 800 G4 23.8-inch Non-Touch All-in-One PC	4YM09PA
Active	HP EliteOne 800 G4 23.8-inch Non-Touch All-in-One PC	5MS85PA
Active	HP EliteOne 800 G4 23.8-inch Touch All-in-One PC	4WR97PA
Active	HP EliteOne 800 G4 23.8-inch Touch All-in-One PC	4WR98PA
Active	HP EliteOne 800 G4 23.8-inch Touch All-in-One PC	4YM12PA
Active	HP EliteOne 800 G4 23.8-inch Touch All-in-One PC	4YM40PA
Active	HP EliteOne 800 G4 23.8-inch Touch All-in-One PC	4YM41PA
Active	HP EliteOne 800 G4 23.8-inch Touch All-in-One PC	5MS36PA
Active	HP EliteOne 800 G4 23.8-inch Touch GPU All-in-One PC	4WX13PA

HP ProDesk Desktop PCs

Active	HP ProDesk 400 G3 Desktop Mini PC	1RX39PA
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Active	HP ProDesk 400 G3 Desktop Mini PC	1RX40PA
Active	HP ProDesk 400 G3 Desktop Mini PC	2HA68PA
Active	HP ProDesk 400 G3 Desktop Mini PC	2HA69PA
Active	HP ProDesk 400 G3 Desktop Mini PC	2HA70PA
Active	HP ProDesk 400 G3 Desktop Mini PC	3CH30PA
Active	HP ProDesk 400 G3 Desktop Mini PC	3FB26PA
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Active	HP ProDesk 400 G5 Small Form Factor PC	5MG82PA
Active	HP ProDesk 600 G3 Desktop Mini PC	1HL28AW
Active	HP ProDesk 600 G3 Desktop Mini PC	1HL29AW
Active	HP ProDesk 600 G3 Desktop Mini PC	1LU25AW
Active	HP ProDesk 600 G3 Desktop Mini PC	1LU26AW
Active	HP ProDesk 600 G3 Desktop Mini PC	1MF36PA
Active	HP ProDesk 600 G3 Desktop Mini PC	1MF37PA

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Active	HP ProDesk 600 G3 Desktop Mini PC	2HA36PA
Active	HP ProDesk 600 G3 Desktop Mini PC	3CH89PA
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Active	HP ProDesk 600 G3 Desktop Mini PC	3FH53PA
Active	HP ProDesk 600 G3 Microtower PC	1JZ86AW
Active	HP ProDesk 600 G3 Microtower PC	1JZ87AW
Active	HP ProDesk 600 G3 Microtower PC	1ME56PA
Active	HP ProDesk 600 G3 Microtower PC	1MF42PA
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Active	HP ProDesk 600 G3 Small Form Factor PC	1JS67AW
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Active	HP ProDesk 600 G3 Small Form Factor PC	1KZ21AW
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Active	HP ProDesk 600 G3 Small Form Factor PC	3CH25PA
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Active	HP ProDesk 600 G3 Small Form Factor PC	3FH51PA
Active	HP ProDesk 600 G3 Small Form Factor PC	3FH52PA
Active	HP ProDesk 600 G3 Small Form Factor PC	3FH55PA
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Active	HP ProDesk 600 G4 Desktop Mini PC	4VT25PA
Active	HP ProDesk 600 G4 Desktop Mini PC	4VT26PA
Active	HP ProDesk 600 G4 Desktop Mini PC	4ZE02PA
Active	HP ProDesk 600 G4 Desktop Mini PC	4ZE04PA
Active	HP ProDesk 600 G4 Desktop Mini PC	4ZE05PA
Active	HP ProDesk 600 G4 Desktop Mini PC	5MG85PA
Active	HP ProDesk 600 G4 Microtower PC	4SQ45PA
Active	HP ProDesk 600 G4 Microtower PC	4SQ49PA
Active	HP ProDesk 600 G4 Microtower PC	4SQ52PA
Active	HP ProDesk 600 G4 Microtower PC	5CL80PA
Active	HP ProDesk 600 G4 Small Form Factor PC	4TS43AW

Active	HP ProDesk 600 G4 Small Form Factor PC	4VG25PA
Active	HP ProDesk 600 G4 Small Form Factor PC	4VG26PA
Active	HP ProDesk 600 G4 Small Form Factor PC	4VM62PA
Active	HP ProDesk 600 G4 Small Form Factor PC	4VM89PA
Active	HP ProDesk 600 G4 Small Form Factor PC	4VT27PA
Active	HP ProDesk 600 G4 Small Form Factor PC	4ZD97PA
Active	HP ProDesk 600 G4 Small Form Factor PC	4ZE00PA
Active	HP ProDesk 600 G4 Small Form Factor PC	4ZE11PA
Active	HP ProDesk 600 G4 Small Form Factor PC	5MX73PA
Active	HP ProOne 400 G3 20-inch Non-Touch All-in-One PC	2ED60PA
Active	HP ProOne 400 G3 20-inch Non-Touch All-in-One PC	2MB65PA
Active	HP ProOne 400 G3 20-inch Non-Touch All-in-One PC	2TB63PA
Active	HP ProOne 400 G3 20-inch Non-Touch All-in-One PC	2TC81PA
Active	HP ProOne 400 G3 20-inch Non-Touch All-in-One PC	2TC82PA
Active	HP ProOne 400 G3 20-inch Non-Touch All-in-One PC	2TS08PA
Active	HP ProOne 400 G3 20-inch Non-Touch All-in-One PC	3FF62PA
Active	HP ProOne 400 G3 20-inch Non-Touch All-in-One PC	3FF76PA
Active	HP ProOne 400 G3 20-inch Touch All-in-One PC	2ED61PA
Active	HP ProOne 400 G3 20-inch Touch All-in-One PC	2TB62PA
Active	HP ProOne 400 G3 20-inch Touch All-in-One PC	2TC83PA
Active	HP ProOne 400 G3 20-inch Touch All-in-One PC	2TC85PA
Active	HP ProOne 400 G3 20-inch Touch All-in-One PC	3GG24PA
Active	HP ProOne 400 G3 20-inch Touch All-in-One PC	3GG63PA
Active	HP ProOne 400 G4 20-inch Non-Touch All-in-One Business PC	4YM15PA
Active	HP ProOne 400 G4 23.8-inch Non-Touch All-in-One Business PC	4WL43PA
Active	HP ProOne 400 G4 23.8-inch Non-Touch All-in-One Business PC	4WL45PA
Active	HP ProOne 400 G4 23.8-inch Non-Touch All-in-One Business PC	4YM16PA
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	2ED62PA
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	2LT12AW
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	2LT13AW
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	2TD16PA
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	2TD18PA
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	2WX76PA
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	2XL63PA
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	3FF77PA
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	3FG10PA
Active	HP ProOne 600 G3 21.5-inch Non-Touch All-in-One PC	4NZ02PA
Active	HP ProOne 600 G4 21.5-inch Touch All-in-One Business PC	4WG03PA
Active	HP ProOne 600 G4 21.5-inch Touch All-in-One Business PC	4WG05PA
Active	HP ProOne 600 G4 21.5-inch Touch All-in-One Business PC	4YM13PA
Active	HP ProOne 600 G4 21.5-inch Touch All-in-One Business PC	4YM14PA

Flexible Thin Clients

Active	HP t530 Thin Client	2DH77AA
Active	HP t530 Thin Client	2DH78AA
Active	HP t530 Thin Client	2DH79AA
Active	HP t530 Thin Client	2DH80AA
Active	HP t530 Thin Client	2DH81AA
Active	HP t530 Thin Client	2DH82AA
Active	HP t630 Thin Client	2RV94PA
Active	HP t630 Thin Client	2ZU95AA
Active	HP t630 Thin Client	2ZU96AA
Active	HP t630 Thin Client	2ZU97AA
Active	HP t630 Thin Client	2ZU98AA
Active	HP t630 Thin Client	2ZU99AA
Active	HP t630 Thin Client	2ZV00AA
Active	HP t630 Thin Client	2ZV01AA

Zero Clients

Active	HP t310 G2 Zero Client	2EZ54AA
Active	HP t310 G2 Zero Client	2EZ55AA

Detailed Specifications

Acoustic pressure emissions (standby)

43-dBA maximum sound pressure level

Additional information about HP in the countries

hp.com

Buttons

104, 105, 106, 107, 109 layout (depending upon country)

Cable length

1.8 m

Cable length (imperial)

6 ft

Color

Black

Compatibility

The HP Business Slim Smartcard Keyboard is compatible with: HP ProDesk 400 G4 SFF; HP ProDesk 400 G4 MT; HP ProDesk 400 G3 DM (Mini); HP ProOne 400 G3 AIO Touch; HP ProOne 400 G3 AIO Non-Touch; HP ProDesk 600 G3 MTW; HP ProDesk 600 G3 SFF; HP ProDesk 600 G3 Desktop Mini; HP ProOne 600 G3 AIO 21.5" Non-Touch; HP EliteDesk 800 G3 TWR; HP EliteDesk 800 G3 SFF; HP EliteDesk 800 G3 35W Desktop Mini; HP EliteDesk 800 G3 65W Desktop Mini; HP EliteOne 800 G3 AIO 23.8" NT; HP EliteOne 800 G3 AIO 23.8" Touch; HP EliteOne 1000 G1 AiO

Compatible Operating Systems

Windows 10 Home 32, Windows 10 Home 64, Windows 10 Pro 32, Windows 10 Pro 64, Windows 7 Professional (available through downgrade rights from Windows 8.1 Pro Update), Windows 8.1 Enterprise 32, Windows 8.1 Enterprise 64, Windows 8.1 32, Windows 8.1 64, Windows 8.1 Pro 32, Windows 8.1 Pro 64, Windows 8 Enterprise 32, Windows 8 Enterprise 64, Windows 8 32, Windows 8 64, Windows 8 Pro 32, Windows 8 Pro 64, Windows 7 Professional (available through downgrade rights from Windows 8 Pro)

Connector description

USB Port

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Country of origin

Made in China

Ergonomic features

Ergonomic compliance: ISO 9241-410, TUV GS

Form factor

Low-profile design

Image legal disclaimer

Product image may differ from actual product

LED

3

Minimum dimensions (W x D x H)

14.45 x 44.06 x 1.89 cm

Minimum dimensions (W x D x H)

5.68 x 17.34 x 0.74 in

Operating temperature range

10 to 50°C

Power availability

100-mA maximum (with 5 VDC power supplied and three LEDs ON)

Product long name specifications

HP Business Slim Smartcard Keyboard

Quickspec

<http://h20195.www2.hp.com/v2/GetPDF.aspx/c05389400>

Technical notes

Operating voltage: 5V; Power consumption: 200 mA; System interface: USB Interface; EMI - RFI: under 3dB; Microsoft PC 99 - 2001:

Conforms to FCC rules for a Class B computing device; Keycaps: Low-profile design; Switch actuation: 60±15g nominal peak force with tactile feedback; Switch life: 10 million keystrokes (Life tester); Switch type: Contamination-resistant switch membrane; Key-leveling mechanisms: For all double-wide and greater-length keys; Acoustics: 43-dBA maximum sound pressure level; Operating humidity: 10% to 90% (non-condensing at ambient); Operating shock: 40 g, six surfaces; Operating vibration: 2-g peak acceleration; SmartCard Function Support: All ISO 7816 smart cards; SmartCard Function Interface: Reads from and writes to all ISO7816-1, 2, 3, 4 memory and microprocessor smart cards (T=0, T=1); SmartCard Function Chipset IDENTIVE CLOUD 2190 F; SmartCard Function Standard APIs supported: PC/SC, EMV2000, CT-API; SmartCard Function Power consumption: 100-mA maximum draw; SmartCard Function Interface modes: CCID protocol; SmartCard Function Electro-magnetic standards Europe 2004/108/EC, USA USAFCC part 15; Approvals: CE Marking; TUV; EAC; FCC; cULus/CSAus; ICES; RCM; VCCI; KCC; BSMI

UNSPSC code

43211706

UPC number

(ABA) 190780958537

Warranty

1 Year Limited Warranty (Return to HP/Dealer - Standard Bench Repair & Phone-in Assistance)

Weight

0.6± 0.08 kg

Weight

1.32 lb

What's in the box

Keyboard; Installation Guide; Warranty Card; Safety and Comfort Guide

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