

Technical Specifications

HP USB Business Slim Keyboard

Models

HP USB Business Slim Keyboard

N3R87AA

Introduction

Get fast data entry and quick USB connectivity with the HP USB Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs.

Key Benefits

- Interact seamlessly with a full-sized keyboard layout that's optimized for use with multiple operating systems.¹
- Easily connect the keyboard to any USB port on your PC.
- Get the reassurance of a one-year limited warranty.

1. See product QuickSpecs for compatible operating systems.

Compatibility

The HP USB Business Slim Keyboard is compatible with HP ProDesk 400 G3 SFF, HP ProDesk 400 G3 MT, HP ProDesk 490 G3 MT, HP ProDesk 400 G2 DM (Mini), HP ProOne 400 G2 AIO Touch, HP ProOne 400 G2 AIO Non-Touch, HP ProDesk 600 G2 MTW, HP ProDesk 600 G2 SFF, HP ProDesk 600 G2 Desktop Mini, HP ProOne 600 G2 AIO 21.5" Touch, HP ProOne 600 G2 AIO 21.5" Non-Touch, HP EliteDesk 705 G2 MT, HP EliteDesk 705 G2 SFF, HP EliteOne 705 G2 AIO 23" Touch, HP EliteOne 705 G2 AIO 23" Non-Touch, HP EliteDesk 705 G2 Desktop Mini, HP EliteDesk 800 G2 TWR, HP EliteDesk 800 G2 SFF, HP EliteDesk 800 G2 35W Desktop Mini, HP EliteDesk 800 G2 65W Desktop Mini, HP Collaboration PC G2, HP EliteOne 800 G2 AIO 23" Touch, HP EliteOne 800 G2 AIO 23" Non-Touch, Z240 Tower Workstation, Z240 SFF Workstation, Z440 Workstation (All), Z640 Workstation (All), Z840 Workstation (All).

NOTE: Not all models are available in all regions.

Service and Support

Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options). If your HP Option is installed in an HP Hardware Product, HP may provide warranty service either for the HP Option Limited Warranty Period or the remaining Limited Warranty Period of the HP Hardware Product in which the HP Option is being installed, whichever period is the longer but not to exceed three (3) years from the date you purchased the HP Option.

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Physical characteristics	Keys	104, 105, 106, 107, 109 layout (depending upon country)
	Dimensions (L x W x H)	17.197 x 5.417 x 0.827 in (43.68 ± 0.15 x 13.76 ± 0.1 x 2.10 ± 0.1 cm)
	Weight	1.32 lb (0.6 ± 0.08 kg)
Electrical	Operating voltage	+ 4.4 – 5.25VDC
	Power consumption	50-mA maximum (with 5 VDC power supplied and three LEDs ON)
	System interface	USB Type A plug connector
	ESD	Contact Discharge: 2, 4, 6, 8KV Air Discharge: 2, 4, 8, 10, 12.5KV
	EMI - RFI	Conforms to FCC rules for a Class B computing device
	Microsoft® PC 99 - 2001	Functionally compliant
	Mechanical	Keycaps
Switch actuation		60 ± 12.5g 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
Cable length		6 ft (1.8 m)
Microsoft PC 99 - 2001		Mechanically compliant
Keycaps Pitch	Pitch Between Keycaps	Function Keys value of X: 18.70 ± 0.2 mm
		Function Keys value of Y: 21.58 ± 0.2 mm
		Normal Keys value of X: 18.70 ± 0.2 mm
		Normal Keys value of Y: 18.40 ± 0.2 mm

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Stroke	P1	0.6 ± 0.3 mm	
	P2	1.2 ± 0.3 mm	
	P3	2.0 ± 0.3 mm	
	P4	-	
	Fire Point (FP)	<=P2 + 0.5 mm	
Environmental	Acoustics	43-dBA maximum sound pressure level	
	Operating temperature	50° to 122° F (10° to 50° C)	
	Non-operating temperature	-22° to 140° F (-30° to 60° C)	
	Operating humidity	10% to 90% (non-condensing at ambient)	
	Non-operating humidity	20% to 80% (non-condensing at ambient)	
	Operating shock	40 g, six surfaces	
	Non-operating shock	80 g, six surfaces	
	Operating vibration	2-g peak acceleration	
	Non-operating vibration	4-g peak acceleration	
	Drop (out of box)	26 in (66 cm) on carpet, six-drop sequence	
	Drop (in box)	30 in (76.2 cm) on concrete, 16-drop sequence	
	Approvals	UL, FCC, CE Mark, TUV, TUV GS, VCCI, BSMI, C-Tick, KC	
	Ergonomic compliance	ANSI HFS 100, ISO 9241-4, and TUVGS	
Kit contents	Keyboard	Installation Guide	
	Warranty Card	Safety and Comfort Guide	

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Date of change:	Version History:		Description of change:
02/02/2016	From v1 to v2	Added	Updated compatibility.
03/29/2016	From v2 to v3	Added	Added Key Specifications
04/12/2016	From v3 to v4	Update	Updated Dimensions