



# CERTIFICATE

TCO Certified Notebooks 5.0  
No.N517112054

This certificate is awarded to HP Inc. to confirm that HSN-Q01C has successfully met all requirements in TCO Certified Notebooks 5.0. Criteria in TCO Certified are designed to ensure that the manufacturing, use and recycling of this product are carried out with consideration for environmental, social and economic responsibility.

Company:	<b>HP Inc.</b> 1501 Page Mill Road, Palo Alto, CA 94304
Brand name:	<b>HP</b>
Model name:	<b>HSN-Q01C</b>
Product category:	Notebooks
Sales name:	<b>HP ZBOOK X2 G4 DETACHABLE WORKSTATION</b>
Technical information:	See appendix

This certificate confirms that a sample of the certified product, as stated herein, has been tested and approved as to its compliance with the criteria document valid at the time of the laboratory test. The certified product may, subject to the use of the unique combination of brand name, type/model name and sales name as stated in this certificate, be marked and sold with the TCO Certified label in accordance with the agreement.

Certification date: 2017-11-24

Expiry date: 2019-11-24

Shuyue Wang  
Certification process  
TCO Development



TCO Development has been an international driver in the field of Sustainable IT since 1992. Our mission is to ensure that the manufacture, use and recycling of IT products reflect environmental, social and economic responsibility. TCO Development is the company behind the TCO Certified third party sustainability certification for IT products.



## Appendix to certificate No. N517112054

Critical component:	<b>LG Display LP140UD1 (SP)(D4)</b> <b>LG Display LP140UD1 (SP)(D3)</b> <b>LG Display LP140UD1 (SP)(D4) with touch module: PLTC194 (ELK)</b> <b>LG Display LP140UD1 (SP)(D4) with touch module: PLTC195 (ELK)</b> <b>LG Display LP140UD1 (SP)(D4) with touch module: MTF-140-2501-04LGA (O-FILM)</b> <b>LG Display LP140UD1 (SP)(D4) with touch module: MTF-140-2501-05LGA (O-FILM)</b> <b>LG Display LP140UD1 (SP)(D4) with touch module: MTF-140-2501-10LGA (O-FILM)</b> <b>LG Display LP140UD1 (SP)(D3) with touch module: PLTC194 (ELK)</b> <b>LG Display LP140UD1 (SP)(D3) with touch module: PLTC195 (ELK)</b> <b>LG Display LP140UD1 (SP)(D3) with touch module: MTF-140-2501-04LGA (O-FILM)</b> <b>LG Display LP140UD1 (SP)(D3) with touch module: MTF-140-2501-05LGA (O-FILM)</b> <b>LG Display LP140UD1 (SP)(D3) with touch module: MTF-140-2501-10LGA (O-FILM)</b>
Operating mode sound level:	3.2 B(A)
Recycled plastic:	0 %
Weight of product:	1.89 kg
Energy consumption:	On mode: 12.7 Watt Sleep mode: 0.68 Watt Off mode: 0.52 Watt
Aspect ratio:	16:9
Panel size:	14 Inches
Minimum resolution width:	3840 Pixels
Minimum resolution height:	2160 Pixels
Seperate power supply:	Yes, Class 1
Type of stand:	Non-Pivot
AC adapter(s):	hp PPP009A hp PPP009C hp PPP009D hp Series PPP019L-S hp HSTNN-CA15 hp Series HSTNN-LA15 hp PPP012C-S

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**TCO** DEVELOPMENT

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