



QUOTE

PUERTO RICO DEPARTEMENT OF EDUCATION
REQUEST FOR PROPOSALS (RFP) NO: PRDE-OSIATD-2018-002
MOBILE DEVICES, PROFESSIONAL DEVELOPMENT AND PROJECT MANAGEMENT

DATE: 10/12/2018
QUOTE: 2018-002
CUSTOMER # PRDE

CATEGORY 1: MOBILE DEVICES AND CARTS
PART A: LAPTOPS

Qty	Manufacturer #	Description	Unit Price	Total Price
		LAPTOPS		
20000	TMB118-RN	Acer TravelMate B118 laptop Computer	\$ 469.00	\$ 9,380,000.00
		Convertible notebook that allows the device to switch between laptop, tablet, and tent forms. Keyboard remains attached to the device at all times.		
		Attached full-size keyboard that should be able to flip around out of the way in tablet mode		
		Intel® Celeron® quad-core processor N4100 (4 MB L2 cache, 1.10 GHz, up to 2.4 GHz with Intel® Burst Technology, DDR4 or LPDDR4, 6W)		
		4GB DDR3L RAM		
		Intel® UHD Graphics 600, supporting OpenGL® 4.4, OpenCL™ 1.2, Vulkan, Microsoft® DirectX® 12		
		128 GB SSD, SATA 6 Gb/s		
		Weight - 3.5 lbs		
		Wi-Fi – 802.11 ac Wi-Fi (802.11n 2.4GHz and 5GHz)		
		Miracast (Intel® Wireless Display) Compliant		
		Bluetooth – 4.0 wireless technology		
		Operating System – Windows 10 Education		
		Video conferencing HD webcam with: • 1280 x 720 resolution • 720p HD audio/video recording		
		Battery • 48 Wh 3220 mAh 15.2 V 4-cell Li ion battery pack Battery life: Up to 13 hours (based on MobileMark® 2014 test results) Power adapter 3-pin 45 W AC adapter: • 95 (W) x 38 (D) x 25.4 (H) mm (3.74 x 1.5 x 1.0 inches) • 150 g with 150 cm DC cable		
		Display - 11.6-inch diagonal with IPS (In-Plane Switching) technology, Full HD 1920 x 1080 resolution, high-brightness, LED-backlit TFT LCD with integrated multi-touch Wide viewing angle 16:9 aspect ratio Mercury free, environment friendly		



QUOTE

PUERTO RICO DEPARTEMNT OF EDUCATION
REQUEST FOR PROPOSALS (RFP) NO: PRDE-OSIATD-2018-002
MOBILE DEVICES, PROFESSIONAL DEVELOPMENT AND PROJECT MANAGEMENT

DATE: 10/12/2018
QUOTE: 2018-002
CUSTOMER # PRDE

CATEGORY 1: MOBILE DEVICES AND CARTS
PART A: LAPTOPS

Qty	Manufacturer #	Description	Unit Price	Total Price
		Two built-in stereo speakers (2w)		
		Input/output interfaces for video, keyboard, computer, audio and capable of connecting to standard video output devices such as digital projectors, smart boards, computer monitors, and TVs (additional detail under "Ports and Print Service"). At minimum, the device includes the following ports:		
		2 USB (at least one of which is USB 3.0)		
		1 HDMI		
		1 3.5-mm stereo headphone mini-jack		
		1 RJ-45		
		Built-in microphone		
		3 years manufacturers warranty		
		CARTS		
620	CSC36AC	Tripplite 36-Device AC Charging Station Cart for Charges 36 Chromebooks and laptops up to 15 in. screen size	\$995.00	\$ 616,900.00
		The external construction must be made from welded 12 - 18-gauge solid steel frame		
		The shelving must be 20-gauge steel or thicker		
		Slot size be at least 1.25" or more to accommodate current PRDE issued student laptops and tablets with keyboards		
		Dividers must be consisting of shock absorbing ABS Plastic or Nylon shelf divider system to prevent wear and tear on devices		
		Cart width must not exceed 28" to fit through all classroom doors and cart footprint should be as small as possible to take up less space in the classroom (e.g. 28" x 28")		
		Electrical components must be UL listed and cart shall have a switch located on the exterior of the cart to enable switching off of power to the cart if necessary		
		Charging components shall deliver a sufficient number of amps per device to allow for charging in the shortest period of time without negatively affecting the electronics of the devices		
		Must work with a standard 15 Amp electrical circuit. Smart power management system that prevents circuit tripping and protects devices by charging "round robin" style and is current sensing (able to determine the changing needs of the connected devices).		



QUOTE

PUERTO RICO DEPARTEMNT OF EDUCATION
REQUEST FOR PROPOSALS (RFP) NO: PRDE-OSIATD-2018-002
MOBILE DEVICES, PROFESSIONAL DEVELOPMENT AND PROJECT MANAGEMENT

DATE: 10/12/2018
QUOTE: 2018-002
CUSTOMER # PRDE

CATEGORY 1: MOBILE DEVICES AND CARTS
PART A: LAPTOPS

Qty	Manufacturer #	Description	Unit Price	Total Price
		Cart must be constructed of steel or similar durable metal that prevents exterior access to the contents without opening doors (no removable panels)		
		External LED to indicate charging status		
		Cart must have a cable management system to organize power adapters.		
		Carts must have lockable doors and must include everything needed to secure equipment, either through a metal hasp and padlock, and/or keyed locking handles; ideally with multi-point security (2 or 3 bolt locking system). If a padlock (keyed or combination) is required it must be included.		
		The casters must have oversized (4" - 6" diameter and at least 1" width) industrial grade balloon (solid rubber) tires with metal construction swivel castors capable of supporting 250+ lb. each). Non-marring rubber must provide easy rolling, quiet transport and be fully lockable.		
		Carts must adhere to UL's 10-degree tip threshold.		
		Carts must conform to common electrical and general safety standards (e.g. UL 60950, 1678, 1667, 498, etc.)		
		Full access double doors in the front for the user and in the rear for the IT Administrator.		
		Mostly unobstructed top work surface to accommodate peripherals such as printers or other devices.		
		Cart must also provide ventilation vents to ensure devices don't overheat while charging in cart.		
		3 years manufacturers warranty		
IMAGING AND ETCHING SERVICES				
20000		Manufacturer Custom Image Installation	INCLUDED	
20000		Manufacturer Laser Etching Services	INCLUDED	
MANAGED SERVICES				
Warranty Repairs				
		Advanced Hardware Replacement	INCLUDED	
			Proposal Total	\$ 9,996,900.00



QUOTE

PUERTO RICO DEPARTEMNT OF EDUCATION
REQUEST FOR PROPOSALS (RFP) NO: PRDE-OSIATD-2018-002
MOBILE DEVICES, PROFESSIONAL DEVELOPMENT AND PROJECT MANAGEMENT

DATE: 10/12/2018
QUOTE: 2018-002
CUSTOMER #: PRDE

CATEGORY 3: PROJECT MANAGEMENT

PART A: LOGISTICS AND DEVICE DISTRIBUTION

Qty	Manufacturer #	Description	Unit Price	Total Price
1		PROJECT MANAGEMENT AND DISTRIBUTIONS LOGISTICS	\$ 35,000.00	\$ 35,000.00
20620		PICKUP AND TRANSPORT OF NEW DEVICES FROM WAREHOUSES TO SCHOOLS	\$ 8.00	\$ 164,960.00
			Proposal Total	\$ 199,960.00



QUOTE

PUERTO RICO DEPARTEMNT OF EDUCATION
 REQUEST FOR PROPOSALS (RFP) NO: PRDE-OSIATD-2018-002
 MOBILE DEVICES, PROFESSIONAL DEVELOPMENT AND PROJECT MANAGEMENT

DATE: 10/12/2018
 QUOTE: 2018-002
 CUSTOMER #: PRDE

CATEGORY 1: MOBILE DEVICES AND CARTS
 PART A: LAPTOPS

Qty	Manufacturer #	Description	Unit Price	Total Price
		ACCESSORIES		
1		Upgrade to Pentium N5000 Processor	\$ 49.00	\$ 49.00
1		Upgrade to 8GB memory	\$ 59.00	\$ 59.00
1		Absolute Anti-Theft Software (3 years coverage)	\$ 79.00	\$ 79.00
1		Tripplite Smart1000 UPS	\$ 165.00	\$ 165.00
1		Tripplite Smart1500 UPS	\$ 295.00	\$ 295.00
1		Accidental Damage Warranty	\$ 69.00	\$ 69.00
1		16GB USB Pen Drive	\$ 15.00	\$ 15.00
1		32GB USB Pen Drive	\$ 18.00	\$ 18.00
1		64GB USB Pen Drive	\$ 30.00	\$ 30.00
1		Neoprene carrying case	\$ 30.00	\$ 30.00
1		Bluetooth mouse	\$ 18.00	\$ 18.00
1		Bluetooth keyboard	\$ 25.00	\$ 25.00
1		Replacement AC Power Adapter	\$ 59.00	\$ 59.00
1		Additional battery	\$ 69.00	\$ 69.00



acer

Acer recommends Windows 10 Pro.



TravelMate Spin B1



A blue handwritten signature or scribble in the bottom right corner of the page.

SPECIFICATIONS

TravelMate Spin B1

B118-G2-RN/B118-G2-R



Product views	1. Webcam 2. 11.6" display 3. Headset/speaker jack 4. USB 3.0 port	5. HDMI® port 6. Ethernet (RJ-45) port 7. DC-in jack	8. Touchpad 9. Keyboard 10. Power key	11. SD™ card reader 12. USB port 13. Kensington lock slot
Operating system^{1,2}	Windows 10 SFT			
CPU and chipset¹	Intel® Pentium® Silver N5000 processor Intel® Celeron® quad-core processor N4100 Intel® Celeron® dual-core processor N4000			
Memory^{1,3,4,5}	Dual-channel DDR4 SDRAM support ● 4 GB of onboard DDR4 system memory ● 8 GB of onboard DDR4 system memory			
Display⁶	11.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness, LED-backlit TFT LCD with integrated multi-touch ● 16:9 aspect ratio ● Wide viewing angle ● Mercury free, environment friendly		11.6" display with IPS (In-Plane Switching) technology, HD 1366 x 768, high-brightness, LED-backlit TFT LCD with integrated 10-finger touch ● 16:9 aspect ratio ● Wide viewing angle ● Mercury free, environment friendly	
Graphics	Intel® UHD Graphics 605 Intel® UHD Graphics 600			
Audio	● Two built-in stereo speakers ● Built-in microphone			
Storage^{1,7}	Hard disk drive ● 500 GB, 2.5-inch 5400 RPM	Solid state drive ● 128 GB, SATA 6 Gb/s	eMMC ● 64 / 32 GB	
Webcam⁸	HD camera with ● 1280 x 720 resolution ● 720p HD audio/video recording			
Wireless and networking¹	WLAN ● Intel® Dual Band Wireless-AC, 802.11ac/a/b/g/n wireless LAN with Acer Nplify™, featuring 2x2 MIMO technology		WPAN ● Bluetooth® 4.0 ● Bluetooth® 2.1+EDR	
Security	● Trusted Platform Module (TPM) solution ● BIOS user, supervisor, HDD passwords ● Kensington lock slot			
Dimensions and weight^{1,8,9}	Dimensions ● 291 (W) x 211(D) x 22.3 (H) mm (11.46 x 8.31 x 0.88inches)		Weight ● 1.59 kg (3.5 lbs.) with 4-cell battery pack	
Power adapter and battery^{1,10}	Power adapter ● 3-pin 45 W AC adapter		Battery ● 48 Wh 3220 mAh 15.2 V 4-cell Li-ion battery pack ● Battery life up to 13 hours	
Input and control	Keyboard B3-/B4-/B7-key Acer FineTip keyboard with international language support Control Keys Power button			
Windows Desktop Apps¹¹	● Acer ControlCenter ● Acer Product Registration	● Quick Access ● Acer Collection	● Acer Configuration Manager	
System compliance¹²	● ENERGY STAR® ● Wi-Fi® ● EPEAT® register			
Warranty	Three-year International Travelers Warranty (ITW)			
Quality and reliability tests	● Temperature and humidity ● Hinge life ● Weight and pressure	● Acoustics ● Spillage ● Free drop	● Shock and vibration ● Electrostatic discharge immunity ● Keyboard-switch life	● MTBF (mean time between failures)
<p>1. Specifications vary depending on model. 2. 64-bit software is required to enjoy the advantages of 64-bit processing. 3. Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment. 4. Memory speed may vary, depending on the CPU, chipset or memory fitted. 5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory. 6. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products. 7. 1 GB is 1 billion bytes, 1 TB is 1000 GB. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space. 8. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options. 9. Minor variations in system dimensions are possible due to the manufacturing process. 10. Listed battery life is based on MobileMark 2014® productivity mode testing with wireless on. Details of MobileMark 2014® testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use. 11. Bundled software may vary depending on hardware configuration, OS and regional availability. 12. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.</p>				

In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.

As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by Acer's warranty.

© 2018. All rights reserved.

Microsoft and Windows are registered trademarks of Microsoft Corporation.

Intel and the Intel logo are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

About Acer

Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit www.acer.com for more information.





Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 1 of 19

Date: May 2, 2017

ACER INCORPORATED
8F, 88, SEC. 1, XINTAI 5TH RD.,
XIZHI, NEW TAIPEI CITY, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description: Notebook
Style/ Item No.: Travelmate Spin B118/ No.1 ~ No.8
Manufacturer/Vendor: Quanta Computer Inc.
Country of Origin: China
Quantity: Total 8 sets
Testing Period: Mar. 8, 2017 to Apr. 6, 2017

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required : (According to client's test specification, please see following sheets in detail.)

1. High Temperature Test
2. Low Temperature Test
3. Rain Test
4. Humidity Test
5. Vibration Test
6. Packaged Drop Test
7. Unpackaged Drop Test

Test Results : -PLEASE SEE ATTACHED SHEETS-

*HC30060/2017 ~ HC30060E/2017, dated on March 13, 2017 to April 11, 2017, are hereby canceled and replaced by HC30060F/2017.

Signed for and on behalf of
SGS TAIWAN Ltd.

Hank Chiou
Supervisor

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 2 of 19

Test Summary:

Test Item	Test method	Test result
High Temperature Test	MIL-STD-810G, Method 501.5, Procedure II - Operation	PASS
Low Temperature Test	MIL-STD-810G, Method 502.5, Procedure II - Operation	PASS
Rain Test	MIL-STD-810G, Method 506.5 Procedure III - Drip and client's request	PASS
Humidity Test	MIL-STD-810G, Method 507.5, Procedure I - Nature Cycle B3	PASS
Vibration Test	MIL-STD-810G, Method 514.6, Category 24 - General Minimum Integrity Exposure	PASS
Packaged Drop Test	MIL-STD-810G, Method 516.6, Procedure IV- Transit Drop and client's request	PASS
Unpackaged Drop Test		PASS

Note: "PASS" means no visible damage or function defect after test. Please see following test specification of each test item in detail.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天，本報告未經本公司書面許可，不可部份複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.
 台灣檢驗科技股份有限公司

No.31, No.33, No.35, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五權路31號, 33號, 35號
 No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路134號

t (886-2) 2299-3279 f (886-2) 2299-9558

www.tw.sgs.com
 Member of SGS Group



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 3 of 19

1. High Temperature Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	KSON	THS-D6TS-150-LN2	A0347

Lab Environmental Conditions:

Ambient temperature: $(25 \pm 3) ^\circ\text{C}$

Ambient humidity: $(55 \pm 20) \% \text{RH}$

Test Method/ Specification:

Test Method: MIL-STD-810G, Method 501.5, Procedure II - Operation

Sample condition: Operating (Booting function)

Test temperature: 49 °C

Test duration: 8 hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Turn on the power of specimen and then examine whether the booting function of specimen could be work normally or not.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天，本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司

No.31, No.33, No.35, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五權路31號, 33號, 35號
No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路134號

t (886-2) 2299-3279

f (886-2) 2299-9558

www.tw.sgs.com

Member of SGS Group



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 4 of 19

Specimen:

Style/ Item No.: Travelmate Spin B118/ No.1

Quantity: Total 1 set

Test Result:

Check Item Style/ Item No.	Appearance check (visual check)	Functional check
Travelmate Spin B118/ No.1	No visible damage	Normal

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天，本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 5 of 19

2. Low Temperature Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	KSON	THS-D6TS-150-LN2	5654KT

Lab Environmental Conditions:

Ambient temperature: $(25 \pm 3) ^\circ\text{C}$

Ambient humidity: $(55 \pm 20) \% \text{RH}$

Test Method/ Specification:

Test Method: MIL-STD-810G, Method 502.5, Procedure II - Operation

Sample condition: Operating (Booting function)

Test temperature: -32 °C

Test duration: 8 hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Turn on the power of specimen and then examine whether the booting function of specimen could be work normally or not.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品將保留 90 天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司

No.31, No.33, No.35, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五權路31號, 33號, 35號
No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路134號

T (886-2) 2299-3279

F (886-2) 2299-9558

www.tw.sgs.com

Member of SGS Group



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 6 of 19

Specimen:

Style/ Item No.: Travelmate Spin B118/ No.2

Quantity: Total 1 set

Test Result:

Check Item Style/ Item No.	Appearance check (visual check)	Functional check
Travelmate Spin B118/ No.2	No visible damage	Normal

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品確保保留 90 天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司

No.31, No.33, No.35, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五權路31號, 33號, 35號
No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路134號

t (886-2) 2299-3279

f (886-2) 2299-9558

www.tw.sgs.com

Member of SGS Group



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 7 of 19

3. Rain Test:

Test Equipment:

Name	Brand	Model	Serial No.
Drip Box with 1250 Drip Nozzles	PTL	P01.38	5060074

Lab Environmental Conditions:

Ambient Temperature: (25 ± 3) °C

Ambient humidity: (55 ± 20) % RH

Test Method/ Specification:

Test method: MIL-STD-810G, Method 506.5 Procedure III - Drip and client's request

Sample condition: Operating (Booting function)

Distance between specimen and drip box: 1 m

Water flow rate: 342.5 ml/m²/ minute

Test Duration: Total 1 minute

Dripping Device: As shown in photo 4

- As client's request, perform functional check after 1 minute.
- Functional check: Connect the specimen with rate power then examine whether the booting function of specimen could be work normally or not.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天，本報告未經本公司書面許可，不可部份複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.
 台灣檢驗科技股份有限公司

No.31, No.33, No.35, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五權路31號 33號 35號
 No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路134號
 t (886-2) 2299-3279 f (886-2) 2299-9558 www.tw.sgs.com
 Member of SGS Group



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 8 of 19

Specimen:

Style/ Item No.: Travelmate Spin B118/ No.5

Quantity: Total 1 set

Test Result:

Style/ Item No.	Check Item Functional check
Travelmate Spin B118/ No.5	Normal

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天，本報告未經本公司書面許可，不可部份複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.
 台灣檢驗科技股份有限公司

No.31, No.33, No.35, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/ 新北市五股區新北產業園區五權路31號 33號 35號
 No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/ 新北市五股區新北產業園區五工路134號

t (886-2) 2299-3279

f (886-2) 2299-9558

www.tw.sgs.com

Member of SGS Group

4. Humidity Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	KSON	THS-D6S-150	4085

Lab Environmental Conditions:

Ambient temperature: $(25 \pm 3) ^\circ\text{C}$

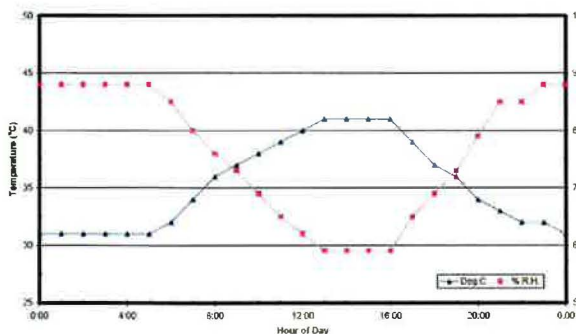
Ambient humidity: $(55 \pm 20) \% \text{RH}$

Test Method/ Specification:

Test Method: MIL-STD-810G, Method 507.5, Procedure I - Nature Cycle B3

Sample condition: Operating (Booting function)

Test Cycle: Total 15 Cycles



Time	Temp. °F	Temp. °C	RH %	Time	Temp. °F	Temp. °C	RH %
0000	88	31	88	1300	105	41	59
0100	88	31	88	1400	105	41	59
0200	88	31	88	1500	105	41	59
0300	88	31	88	1600	105	41	59
0400	88	31	88	1700	102	39	65
0500	88	31	88	1800	99	37	69
0600	90	32	85	1900	97	36	73
0700	93	34	80	2000	94	34	79
0800	96	36	76	2100	91	33	85
0900	98	37	73	2200	90	32	85
1000	100	38	69	2300	89	32	88
1100	102	39	65	2400	88	31	88
1200	104	40	62				

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Turn on the power of specimen and then examine whether the booting function of specimen could be work normally or not.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天，本報告未經本公司書面許可，不可部份複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 10 of 19

Specimen:

Style/ Item No.: Travelmate Spin B118/ No.3

Quantity: Total 1 set

Test Result:

Check Item Style/ Item No.	Appearance check (visual check)	Functional check
Travelmate Spin B118/ No.3	No visible damage	Normal

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天，本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司

No.31, No.33, No.35, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五權路31號, 33號, 35號
No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路134號

t (886-2) 2299-3279

f (886-2) 2299-9558

www.tw.sgs.com

Member of SGS Group

5. Vibration Test:

Test Equipment:

Name	Brand	Model	Serial No.
Vibration Test System	King Design	EM-800F2K-50N120	RU104080389
Controller	Dactron	COMET 200	10539718
Control Accelerometer	PCB	353B34	143549
Vibration Tester	King Design	EM-5000F2K-75N600	10923742
Controller	Crystal	spider	1001664
Control Accelerometer	WR	793-6	A4632

Lab Environmental Conditions:

Ambient Temperature : $(25 \pm 3) ^\circ\text{C}$

Ambient humidity : $(55 \pm 20) \% \text{RH}$

Test Method/ Specification:

Test method: MIL-STD-810G, Method 514.6, Category 24 - General Minimum Integrity

Exposure

Sample condition: Operating (Booting function)

Wave form: Random

Frequency: (20 ~ 2000) Hz

Frequency (Hz)	Left Slope (dB/Oct.)	PSD (g^2/Hz)	Right Slope (dB/Oct.)
20	-	0.04	0
1000	0	0.04	-6
2000	-6	0.01	-

⇒ equivalent to 7.7 Grms

Direction: X, Y, Z axes (see photo 5 ~ 7)

Duration: 1 hour/ axis

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Turn on the power of specimen and then examine whether the booting function of specimen could be work normally or not.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天，本報告未經本公司書面許可，不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 12 of 19

Specimen:

Style/ Item No. : Travelmate Spin B118/ No.4

Quantity : Total 1 set

Test Result:

Check Item Style/ Item No.	Appearance check (visual check)	Functional check
Travelmate Spin B118/ No.4	No visible damage	Normal

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天，本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司

No.31, No.33, No.35, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五樓路31 號 33 號 35 號
No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

t (886-2) 2299-3279

f (886-2) 2299-9558

www.tw.sgs.com

Member of SGS Group



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 13 of 19

6. Packaged Drop Test:

Test Equipment:

Name	Brand	Model	Serial No.
Drop Tester	King Design	KD-128A	WR112197097

Lab Environmental Conditions:

Ambient temperature: (25 ± 3) °C

Ambient humidity: (55 ± 20) % RH

Test Method/ Specification:

Test Method: MIL-STD-810G, Method 516.6, Procedure IV - Transit Drop and client's request

Sample Condition: Packaged

Container size: L: 390 mm W: 240 mm H: 80 mm

Weight: 2.0 kgw

Drop height: 122 cm

Drop sequence: 8 corner, 12 edges, and 6 faces (see photo 8 ~ 10)

Test surface: 2" plywood surface

- Perform functional check after this test.
- Functional check: Connect the specimen with rate power then examine whether the booting function of specimen could be work normally or not.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天，本報告未經本公司書面許可，不可部份複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 14 of 19

Specimen:

Style/ Item No.: Travelmate Spin B118/ No.6

Quantity: Total 1 set

Test Result:

Check Item Style/ Item No.	Functional check
Travelmate Spin B118/ No.6	Normal

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天，本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司

No.31, No.33, No.35, Wu Chyuan Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五權路31號, 33號, 35號
No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路134號

t (886-2) 2299-3279

f (886-2) 2299-9558

www.tw.sgs.com

Member of SGS Group



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 15 of 19

7. Unpackaged Drop Test:

Test Equipment:

Name	Brand	Model	Serial No.
Drop Tester	King Design	KD-128A	WR112197097

Lab Environmental Conditions:

Ambient temperature: $(25 \pm 3) ^\circ\text{C}$

Ambient humidity: $(55 \pm 20) \% \text{RH}$

Test Method/ Specification:

Test Method: MIL-STD-810G, Method 516.6, Procedure IV- Transit Drop

Sample Condition: Unpackaged

Drop height: 122 cm

Drop sequence: 8 corner, 12 edges, and 6 faces (see photo 11 ~ 13)

Test surface: 2" plywood surface

- Perform functional check after each drop.
- Functional check: Connect the specimen with rate power then examine whether the booting function of specimen could be work normally or not.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天，本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Reliability Laboratory

TEST REPORT

Report No.: HC30060F/2017

Page: 16 of 19

Specimen:

Style/ Item No.: Travelmate Spin B118/ No.6 ~ No.8

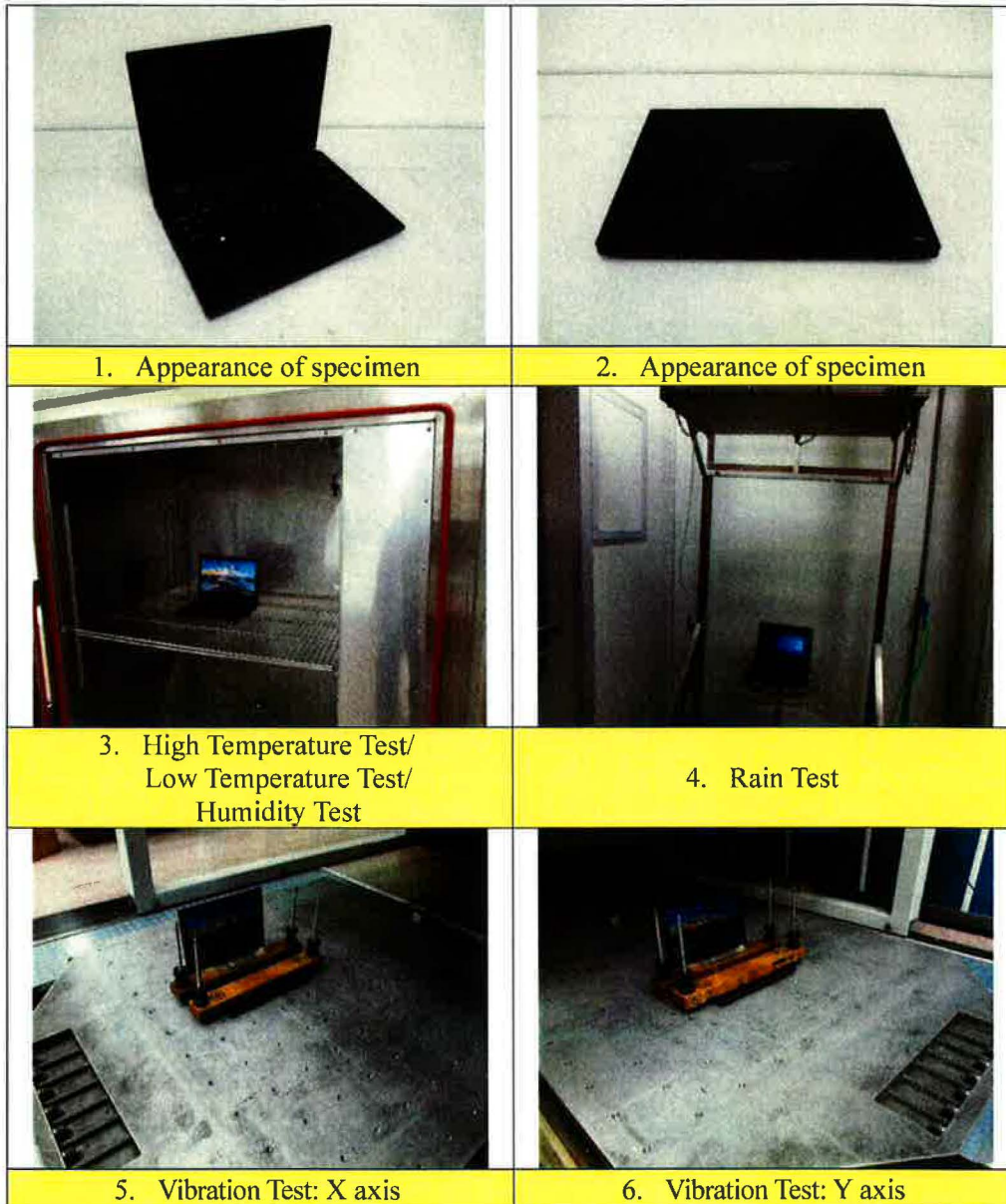
Quantity: Total 3 sets

Test Result:

Style/ Item No.	Drop sequence	• Check Item	Functional Check
Travelmate Spin B118/ No.6	Bottom		Normal
	Top		Normal
	Left		Normal
	Right		Normal
	Front		Normal
	Rear		Normal
Travelmate Spin B118/ No.7	Front-Left-Bottom		Normal
	Front-Right-Bottom		Normal
Travelmate Spin B118/ No.8	Front-Left-Top		Normal
	Front-Right-Top		Normal
	Rear-Left-Bottom		Normal
	Rear-Right-Bottom		Normal
	Rear-Left-Top		Normal
	Rear-Right-Top		Normal
	Top-Left		Normal
	Top-Right		Normal
	Top-Front		Normal
	Top-Rear		Normal
	Bottom-Left		Normal
	Bottom-Right		Normal
	Bottom-Front		Normal
	Bottom-Rear		Normal
	Front-Left		Normal
	Front-Right		Normal
Rear-Left		Normal	
Rear-Right		Normal	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天，本報告未經本公司書面許可，不可部份複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

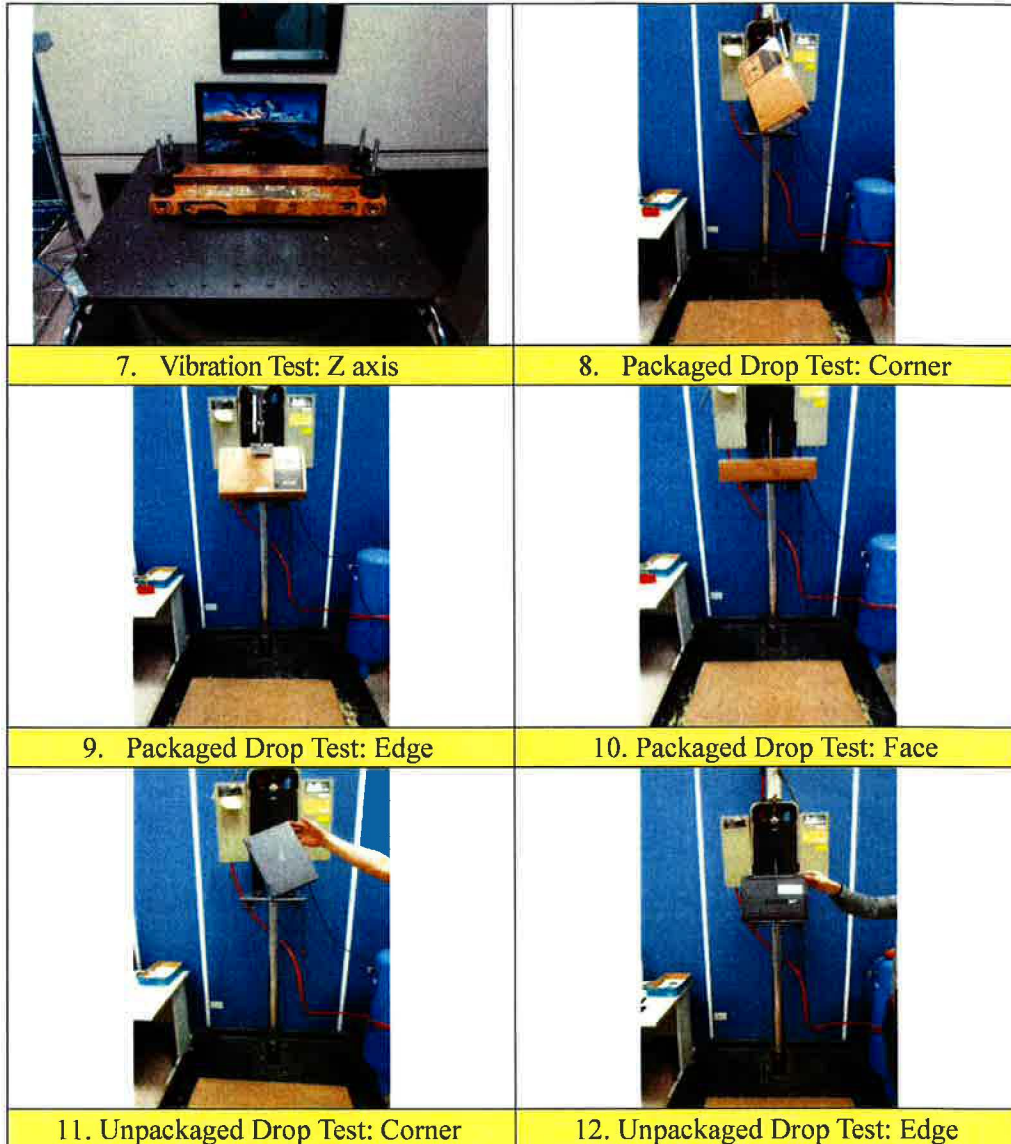
Test Photos:



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



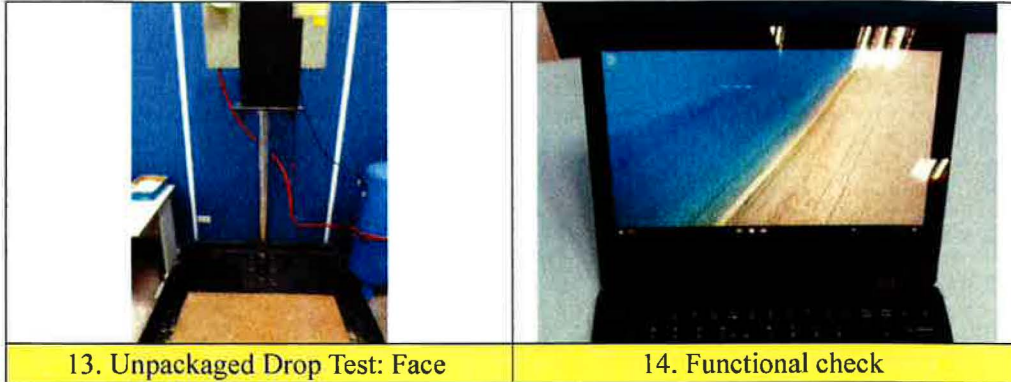
Test Photos--Continued:



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留 90 天，本報告未經本公司書面許可，不可部份複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Test Photos--Continued:



— — — The End of Test Report — — —

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Product Detail

[NEW! Try the EPEAT Registry 2.0 with Server](#)

EPEAT Registry

[← Back](#)

NEW! Try the EPEAT Registry 2.0 with Servers!

Acer TMB118-G2-RN

[Quick Search](#)

[Search by Manufacturer](#)

[Search by Country](#)

[Full Search](#)

[Company List](#)

Product: Acer TMB118-G2-RN


CAB: UL Environment

Country: United States

Product Type: Notebooks

Manufacturer: Acer Inc.

URL: <http://us.acer.com/ac/en/US/content/home>

Rating: 

Registration Date: 9/28/2018

Monitor Type: Flat Panel

Monitor Size: 11.6

Product Status: ■ Active

Exceptions:

Manufacturer Part #:

UPC:

EAN:

Consumer or Institutional: Not Indicated

Options:

[Printer Friendly](#)

[Printer Friendly With Declaration Detail](#)

[Export to EXCEL](#)

[Export to EXCEL With Declaration Detail](#)

[Back](#)

Criteria Category Summary	Optional Points
4.1 Reduction/elimination of environmentally sensitive materials	8/8
4.2 Materials selection	0/3
4.3 Design for end of life	5/5



4.4 Product longevity/life cycle extension	2/2
4.5 Energy conservation	1/2
4.6 End of life management	1/1
4.7 Corporate performance	2/2
4.8 Packaging	2/4
Total Optional Points:	21/27

This Product is also registered in:

none

About EPEAT

- [Mission](#)
- [History](#)
- [Global Reach](#)
- [Advisory Council](#)
- [Environmental Benefits](#)
- [FAQs](#)
- [EPEAT as a CAB](#)
- [Market Surveillance Entity \(MSE\)](#)
- [Staff](#)
- [Careers](#)

Participants

- [Partners](#)
- [Manufacturers](#)
- [Purchasers](#)
- [PREs](#)

Resources

- [Criteria](#)
- [Training](#)
- [For Purchasers](#)
- [For Manufacturers](#)
- [Verification](#)
- [Clarifications and Interpretations](#)
- [Recycling](#)

My Account

- [Manage Account](#)
- [Login](#)



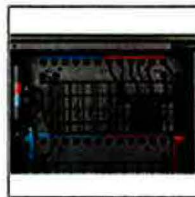
Experiencing issues with this website?
Email our Support Team

© 2017 Green Electronics Corporation
Terms & Conditions

Use of company Logo/Name does not imply endorsement

36-Device AC Charging Station Cart for Chromebooks and Laptops, Black

MODEL NUMBER: CSC36AC



Keep up to 36 Chromebooks and laptops secure, charged and ready to use. Ideal for classrooms, businesses and government organizations that rely on daily use of mobile devices.

Description

The CSC36AC 36-Device AC Charging Station Cart provides timed AC charging, secure storage and cord management for 36 Chromebooks and laptops with a screen size up to 15 inches.

The connected devices' AC adapters plug into the cart's 36 NEMA 5-15R outlets as needed. To conserve energy and avoid potential overloads, the outlets are evenly split into two charging zones. Each zone charges for one hour at a time until a built-in timer switches to the other.

An RJ45 jack allows you to connect external Ethernet equipment, such as wireless hotspots, inside the cabinet. The laminated wood-grain top acts as a writing surface and holds a projector and other devices that plug into two external NEMA 5-15R outlets. An inside switch can turn these outlets off to protect against overloads.

Constructed from heavy-duty steel covered with a black powder-coated finish, the CSC36AC provides safe, secure storage. The front and back doors lock to help prevent theft, damage and tampering, and flow-through ventilation helps prevent devices from overheating.

To prevent cable clutter, device power adapters stow away in removable baskets. Charging cables run through zoned slots and into an overhead cable manager.

Moving devices from room to room is easy. Large swivel casters with non-marking wheels improve the ride over uneven surfaces and lock to help prevent unwanted movement. The reversible wide-grip handle makes the cart easy to control. Corner safety bumpers protect walls and doorways from scratches.

Highlights

- Charges 36 Chromebooks and laptops with screen sizes up to 15 in.
- Hourly timer alternates charging zones to help prevent overloads
- In-cabinet RJ45 jack allows secure use of a wireless router
- Convenient external outlets provide power for a monitor or projector

Package Includes

- CSC36AC 36-Device AC Charging Station Cart, Black
- Cart handle
- Input cord wrap
- (6) Protective bumpers
- (10) Hex screws
- Hex key
- (2) Keys
- Owner's manual

Features

Charges 36 Chromebooks and Laptops Up to 15 in.

- Device power adapters plug into internal NEMA 5-15R outlets (up to 1,440 watts total)
- Also charges tablets and other USB devices through their power adapters
- Extra internal AC outlet for powering peripherals
- RJ45 jack for external Ethernet networking
- 10 ft. AC input cord with NEMA 5-15P plug reaches distant outlets

Timed Device Charging to Guard Against Overloads

- Internal outlets split into 2 color-coded zones of 18 outlets each
- Timer alternates charging between zones hourly
- LEDs indicate which zone is being charged

Dual External AC Outlets

- NEMA 5-15R outlets for connecting projectors and other devices
- Can be switched on and off to protect against possible overloads

Comprehensive Protection

- Devices and adapters kept in separate, lockable compartments
- Doors lock with included keys to help prevent theft, damage and tampering
- Flow-through ventilation helps prevent overheating
- Circuit breaker protects against overloads
- Heavy-duty steel construction and powder-coated finish promote long-term durability

Clutter-Reducing Organization

- Heavy power adapters store out of the way in removable rear baskets
- Cables and connectors run through shelf slots and overhead cable manager
- Device spaces numbered for easy identification

Simple Mobility

- Locking swivel casters with non-marking wheels for smooth, even ride
- Reversible wide-grip handle assists cart control
- Power cord wrap keeps input cord out of the way
- Corner safety bumpers prevent scratches on walls and doorways
- Compact cart fits in same space as typical AV cart

Flexible Configuration

- Ships ready for quick, easy installation—just attach handle, bumpers and cord wrap
- Adjustable dividers accommodate up to 12 devices per shelf
- Laminated wood-grain top serves as a smooth writing surface



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Specifications

OVERVIEW	
UPC Code	037332200488
By Device	Laptop
OUTPUT	
Charging Ports / Amps	(36) 12A
Charging Method	AC
INPUT	
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
Voltage Compatibility (VAC)	120
Input Frequency	60 hZ
Input Plug Type	NEMA 5-15P
PHYSICAL	
Shipping Dimensions (hwd / in.)	46.85 x 26.77 x 29.13
Shipping Dimensions (hwd / cm)	119.00 x 68.00 x 73.99
Shipping Weight (lbs.)	169.76
Shipping Weight (kg)	77.00
Unit Dimensions (hwd / in.)	42.3 x 27.97 x 26.04 (with handle installed)
Unit Dimensions (hwd / cm)	107.45 x 71.04 x 56.13 (with handle installed)
Unit Weight (lbs.)	110.23
Unit Weight (kg)	50.00
Color	Black
Slot Dimensions - Top (hwd / in.)	10.13 x 1.5 x 15.58
Slot Dimensions - Top (hwd / mm)	257.3 x 38.22 x 395.72
Slot Dimensions - Bottom (hwd / in.)	10.11 x 1.5 x 15.58
Slot Dimensions - Bottom (hwd / mm)	256.9 x 38.22 x 395.72
Slot Dimensions - Middle (hwd / in.)	10.13 x 1.5 x 15.58
Slot Dimensions - Middle (hwd / mm)	257.3 x 38.22 x 395.72
Charging Station Form Factor	Mobile Cart





Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

CERTIFICATIONS	
Certifications	UL 60950-1 (Power Component); CAN/CSA 22.2 No. 60950-1 (Power Component)
NOM (Mexico)	Tested to NOM (Mexico)
Approvals	RoHS
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

© 2018 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>

