PROPOSAL SUBMITTAL FORM 10: MOBILE DEVICE SPECIFICATIONS

Instructions: Complete this worksheet for each type of technology solution proposed. Fill in each blank with the requested information. You may attach additional pages to provide complete information where required. This RFP does not require that all these fields be accounted for, but if a Proposer is providing an option that fits one of these categories, these fields must be completed. Please specify which items are optional, if any. If additional items (fields) need to be added to this list of products and services to best reflect your proposed solution, please make note of this and add any necessary data.

Mobile Device Description

Manufacturer	ACER AMERICA
Model	TravelMate B118
Processor	Intel® Celeron® quad-core processor N4100
Graphics	Intel® UHD Graphics 600, Microsoft® DirectX® 12
Memory	4GB DDR3L
I/O (Input/Output) Ports	2 USB (1 USB 3.0), HDMI, 3.5mm, RJ-45, built-in microphone
Connectivity	Intel® Dual Band Wireless-AC, 802.11ac/a/b/g/n wireless LAN
Hard Drive Type	Solid State Drive
Hard Drive Capacity	128GB SSD SATA 6Gbps
Camera	1280 x 720 resolution; 720p HD audio/video recording
Display Type	LCD with IPS (In-Plane Switching) technology
Display Size	11.6"
Display Resolution	Full HD 1920 x 1080 resolution
Battery Capacity (ex. 7200mAh)	48 Wh 3220 mAh 15.2 V 4-cell Li ion battery pack
Duration (ex. 8 hrs.)	Up to 13 hours
Dimensions (W x D x H)	11.46 x 8.31 x 0.88 inches
Weight (lbs)	3.5lbs
Accessories included (if any)	N/A

Provide industry benchmark test results, including information about how long the device will operate on a single battery charge under these conditions:	
Activity	**Time**
Web-browsing	17.59 hours
Multimedia (video/audio)	17.82 hours
Reading eBooks	17.86 hours
Stand by time	13 hours

TravelMate Spin B118-G2-RN Specifications (v1-0-1)

Category	Description	Footnotes
Operating system [1]	Windows 10 Pro 64-bit	2
CPU and chipset [1]	**Intel® Pentium® Silver N5000 Processor** (4 MB L2 Cache, 1.10 GHz, up to 2.70 GHz with Intel® Burst Technology, DDR4 or LPDDR4, 15 W) **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, 6 W) **Intel® Celeron®** dual-core processor **N4000** (4 MB L2 cache, 1.10 GHz, up to 2.6 GHz with Intel® Burst Technology, DDR4 or LPDDR4, 6 W)	
Memory [1, 3, 4]	Dual-channel DDR4 SDRAM support · 4 GB of onboard DDR4 system memory · 8 GB of onboard DDR4 system memory	4, 5
Display	11.6" display 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	6
Graphics	**Intel® UHD Graphics 605**, supporting OpenGL® 4.4, OpenCL™ 1.2, Vulkan, Microsoft® DirectX® 12 **Intel® UHD Graphics 600**, supporting OpenGL® 4.4, OpenCL™ 1.2, Vulkan, Microsoft® DirectX® 12	
Audio	Two built-in stereo speakers Two built-in microphones	
Storage	**Solid state drive** · 128 GB, SATA 6 Gb/s **Hard disk drive** · 500 GB 2.5-inch 5400 RPM **Card reader** · Supporting: SD™ Card · 32 / 64 GB eMMC	1, 7 8 7
Webcam [1]	**Video conferencing** HD webcam with: · 1280 x 720 resolution · 720p HD audio/video recording	
Wireless and networking [1]	**WLAN** · Intel® Dual Band Wireless-AC, 802.11ac/a/b/g/n wireless LAN with Acer Nplify™, featuring 2x2 MIMO technology	

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	WPAN • Bluetooth® 4.0 • Bluetooth® 2.1+EDR	1
Security	Trusted Platform Module (TPM) solution BIOS user, supervisor, HDD passwords Kensington lock slot	
Dimensions and weight 1, 9, 10	**Dimensions** • 291 (W) x 211 (D) x 22.3 (H) mm (11.46 x 8.31 x 0.88 inches) **Weight** • 1.59 kg (3.5 lbs.) with 4-cell battery pack	

Power adapter and battery 1	**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
		11

Input and control	**TouchPad** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification **Control Keys** Power button **Media Keys** Media control keys (printed on keyboard): play/pause, stop, previous, next, volume up, volume down **Keyboard** 83-/84-/87-key Acer FineTip keyboard with international language support	
Input and output	USB 3.0 port USB 2.0 port HDMI® 2.0 port with HDCP support SD™ Card reader 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone Ethernet (RJ-45) port DC-in jack for AC adapter	
Windows Store Apps 12	**In-House** • Acer Collection • Acer Control Center • Quick Access **Tools** • MS Remote Desktop	

TravelMate Spin B118-G2-RN Specifications (v1-0-1)

		• MS Translator	
Windows Desktop Apps	12	**In-House** • Acer Configuration Manager • Acer Product Registration	
System compliance		ENERGY STAR® Wi-Fi® EPEAT® registered	13
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)	

Acer recommends Windows 10 Pro.

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. 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.
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9. Minor variations in system dimensions are possible due to the manufacturing process.
10. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
11. 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.
12. Bundled software may vary depending on hardware configuration, OS and regional availability.
13. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.

TravelMate Spin B118-G2-RN Specifications (v1-0-1)

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.

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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.
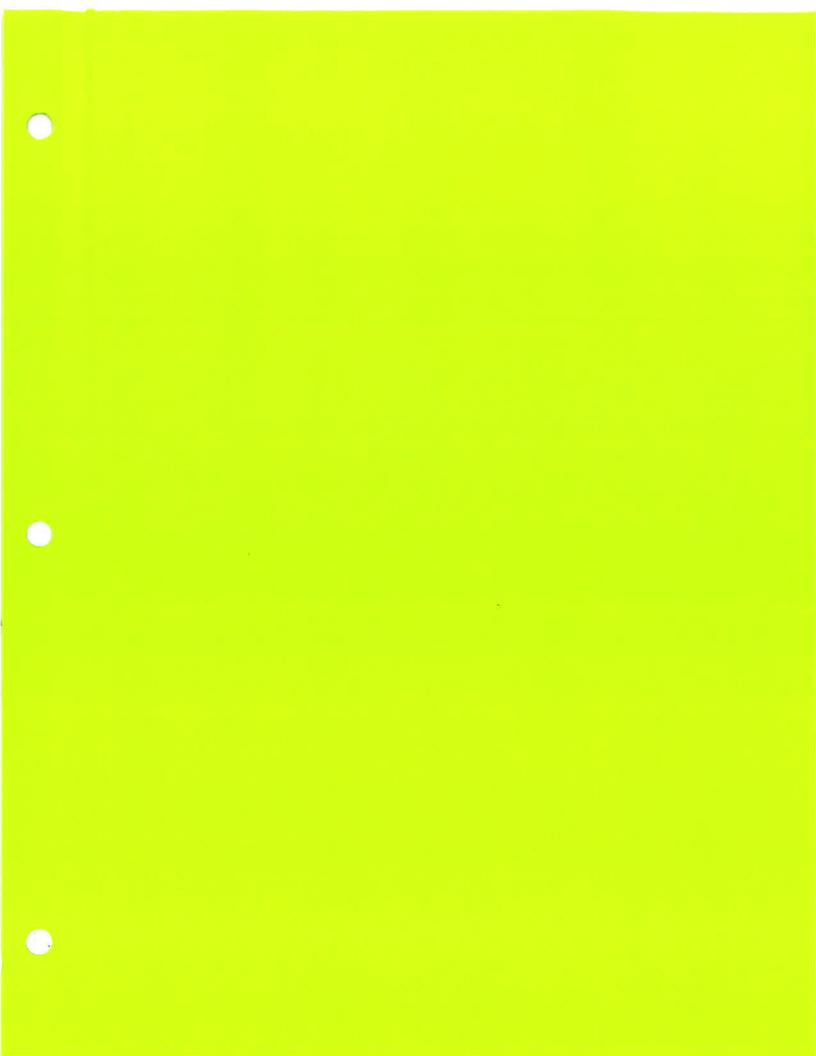
PRODUCT INFORMATION

LAPTOP MODEL: *TMB118-G2-R*

BENCHMARK RESULTS:

MODEL	TMB118 Benchmark (based on Mobile Mark 2014)			
Specs	**Processor**	Celeron N4100	Celeron N4100	Pentium N5000
	SSD	128GB SSD	X	
	HDD	X	500GB HDD	500GB HDD
Battery Life	**Web Browsing**	17.59 Hours	14.86 Hours	17.48 Hours
	Standby Time	13 Hours	13 Hours	13 Hours
	Video Playback	17.82 Hours	10.56 Hours	17 Hours
	E-Books	17.86 Hours	14.9 Hours	17.38 Hours