

TravelMate P4

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Part Number: **NX.B73EB.002**
 EAN Code: **4711474153210**
 Model Name: **TMP414-53-G2-TCO**
 Product Model: **TMP414-53-G2-TCO-56CQ**
 BOM Name: **TMP414-53-G2-TCO_UMACSFbbLlSCAL_5U**
 Country: **Spain**

General	Type:	Notebook
	Operating System:	Windows 11 Pro
	2nd Operating System:	-
Processor / Chipset	CPU:	Intel® Core™ 5 processor 120U Lanzamiento Q1'24 Puntuación Passmark: 17.340
	Core/Thread:	10 / 12
	Frequency:	1.40 GHz
	Turbo:	5 GHz
	Cache:	12 MB
	Chipset Graphics:	Intel UHD
	Gfx Base Frequency:	1.25 GHz
Memory RAM	RAM 1st slot:	16 GB DDR5 Memory
	RAM 2nd slot:	-
	Max RAM:	64 GB DDR5 Memory
Storage	Hard Drive:	512GB PCIe NVMe SSD
	2nd Hard Drive:	-
	Optical Drive:	-
Display	Panel Type:	14" WUXGA IPS SlimBezel
	Aspect Ratio:	16:10
	Resolution:	WUXGA (1920x1200)
	Brightness:	250
	Frame rate	60Hz
Video / Graphic	Discrete Graphic Card:	UMA
	Memory Graphic Card:	N
	Camera:	HD TNR Camera con obturador de seguridad
	Sound:	Stereo Speakers
Connectivity	Wireless LAN:	Intel® Wireless Wi-Fi 6E AX211
	Bluetooth:	Bluetooth® 5.3
	LTE:	-
I/O ports and Keyboard	HDMI:	1 x HDMI 2.1
	VGA:	No
	Ethernet (RJ-45) Port:	1 x RJ-45 1Gbps
	Fingerprint Reader:	Y
	Card reader:	Micro SD card reader
	USB:	2 x USB Type-C / Thunderbolt 4 + 2 x USB 3.2 Tipo A Gen 1 port
	Audio Jack:	Headset/speaker jack
	Backlight KB:	Y
	Touchpad:	Y
Battery and Adaptor	Battery:	53Wh Li-ion Smart battery
	2nd Battery (if available):	N
	AC Adaptor:	65W TypeC adaptor (PCR50%_TCO9.0)
	Battery life (Up to):	13 horas
Dimension	Dimension:	319 (W) x 229 (D) x 18.9 (H) mm
	Weight (KG):	1.38
	Color (cover):	Blue
Software and Security	TPM:	TPM 2.0 None AVAP
	Productivity Software:	Office (Trial)
	Smartcard:	Y (cumple ISO-7816)
Accessory	Options 1:	N
	Options 2:	N
	Additional warranty:	N

• "N" or "N/A" refer to "Not Applicable"

• Acer reserves the rights to remove products from the market or change specifications without prior notice. The text is generic for the model, variation can exist on part number level

• Pictures are intended simply to illustrate the product.

ORDENADOR PORTÁTIL	TMP414-53-G2-TCO
CPU	
Procesador	INTEL Core 5 120U
Velocidad (GHz)	5 GHz frecuencia máxima o turbo
Núcleos físicos	10 núcleos
Fecha de lanzamiento	Q1 2024
Puntuación PassMark	17340
Otros dispositivos	
Memoria RAM	16 GB DDR5 – 5600 MHz
Almacenamiento interno	512 GB SSD NVMe
Sistema Operativo	Windows 11 Pro-64
Tarjeta gráfica	Resolución FullHD 4096 x 2304 @ 60Hz, 4096 x 2304 @ 120Hz
Nº pantallas soportadas	Integrada + 1 x pantalla externa
Tarjeta de sonido	Integrada
Conectividad inalámbrica	
WiFi	WiFi 6E
Bluetooth	Bluetooth 5.3
Interfaces E/S	
USB 3.0 tipo A	2 x USB 3.2 Tipo A
USB 3.0 tipo C	2 x USB 3.1 Tipo C (DisplayPort + Power Delivery + USB)
Red Ethernet	1 x RJ-45 1 Gbps
Video	HDMI 2.1
Audio E/S	Interfaz de audio jack 3.5 mm
Dock station	NO se suministra dock station
Pantalla	
Tamaño de la pantalla	14 pulgadas
Periféricos	
Teclado español	Teclado español ES-ES
Ratón	Ratón integrado táctil con dos botones
Webcam	Webcam HD con obturador de privacidad
Lector de tarjetas inteligentes integrado ISO-7816 (DNI-e)	SÍ
Batería	
Batería tipo smartbattery	Batería tipo smart battery
Certificados energéticos	
EPEAT	SÍ

Energy Star 8.0	SÍ
TCO	SÍ
Certificados de robustez	
Certificación MIL STD 810H	Método de prueba 501.7 Alta temperatura Método de prueba 502.7 Baja temperatura Método de prueba 507.6 Humedad Método adicional 514.8 Vibración Método adicional 516.8 Caída package & unpackage Método adicional 506.6 Lluvia Método adicional 510.4 Polvo
Seguridad	
Arranque seguro	SÍ
Chip TPM	SÍ
Cámara compatible con reconocimiento facial	NO
Lector de huellas dactilares	SÍ
Otro dispositivo de identificación biométrica	NO

TEST REPORT

Test Summary:


Test Item	Test Method	Test Result
High Temperature Test--I	MIL-STD-810H: 2019, Method 501.7, Procedure I and client's request IEC 60068-2-2, Edition 5.0: 2007 and client's request	PASS
Low Temperature Test--I	MIL-STD-810H: 2019, Method 502.7, Procedure I and client's request IEC 60068-2-1, Edition 6.0: 2007 and client's request	PASS
High Temperature Test--II	MIL-STD-810H: 2019, Method 501.7, Procedure II and client's request IEC 60068-2-2, Edition 5.0: 2007 and client's request	PASS
Low Temperature Test--II	MIL-STD-810H: 2019, Method 502.7, Procedure II and client's request IEC 60068-2-1, Edition 6.0: 2007 and client's request	PASS
Humidity Test	MIL-STD-810H: 2019, Method 507.6, Procedure I - Nature Cycle B3 and client's request	PASS
Vibration Test	MIL-STD-810H: 2019, Method 514.8, Procedure I, Category 24 - General minimum integrity exposure and client's request	PASS
Packaged Drop Test	MIL-STD-810H: 2019, Method 516.8, Procedure IV - Transit Drop and client's request	PASS
Unpackaged Drop Test		PASS
Rain Test	MIL-STD-810H: 2019, Method 506.6, Procedure III - Drip and client's request	PASS
Dust Test	MIL-STD-810F: 2000, Method 510.4, Procedure III and client's request	PASS
<p>Note: "PASS" means no function defect after test. Please see following test specification of each test item in detail.</p>		

THE ECO DECLARATION



Annex B2 - Product environmental attributes Computers and computer monitors


The declaration may be published only when all rows and/or fields marked with * are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	Acer	
Company name *	Acer Inc	
Contact information *	Name: <i>RU Jan</i>	
e-mail address	e-mail: <i>RU.Jan@acer.com</i>	
Internet site *	<i>www.acer.com</i>	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.	
Type of product *	Notebook
Commercial name *	TMP414-53-G2,TMP414-53-G2-TCO
Model number *	N24Q5
Issue date *	2024/01/16
Intended market *	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other
Additional information	


This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

About Annex B2
Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template: P4.1 – P4.3 Consumable materials P9.1 TEC and Print speed P10.2 - P10.3 Chemical emissions from printing products P11.1 - P11.3 Consumable materials for printing products.

Model number *	N24Q5	Logo	
Issue date *	2024/01/16		

Product environmental attributes - Legal requirements		Requirement met		
Item		Yes	No	n.a.
P1 Hazardous substances and preparations				
P1.1*	Products do comply with current European RoHS Directive. (See legal reference and NOTE B1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm ² /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): https://www.acer-group.com/sustainability/en/chemical-management-plans.html	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2 Batteries				
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.4*	Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.5*	When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P3 Conformity verification & Eco design (ErP)				
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address):	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product complies with the applicable Eco design requirements for energy-related products, (see legal reference). Required information is: <input type="checkbox"/> given in item P15 or added to this document, <input checked="" type="checkbox"/> available at (add URL): www.acer.com	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5 Product packaging				
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P6 Treatment information				
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number *	N24Q5	Logo	
Issue date *	2024/01/16		


Product environmental attributes - Market requirements (See General NOTE GN below)		Requirement met		
- Environmental conscious design		Yes	No	n.a.
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.			
P7	Design			
	Disassembly, recycling			
P7.1*	Parts that have to be treated separately are easily separable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.2*	Plastic materials in covers/housing have no surface coating.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.8*	Upgrading can be done using commonly available tools	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.9	Spare parts are available after end of production for: years			<input type="checkbox"/>
P7.10	Service is available after end of production for: years			<input type="checkbox"/>
	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum): Material type: PC+ABS Material type: Material type:			
P7.12	Insulation materials of external electrical cables are PVC free.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.13	Insulation materials of internal electrical cables are PVC free.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all <input checked="" type="checkbox"/> PCBs > 25 g <input type="checkbox"/> are low halogen as defined in IEC 61249-2-21. (See ⁵ NOTE B2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: >PC(REC30)+ABS-(TD+MD)5FR(40)< & >PC+ABS-TD15(REC60)FR(40)<	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.17	<u>Alt. 1:</u> Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input type="checkbox"/> (See NOTE B3), Other; chemical name: 9,10-Dihydro-9-oxa-10-phosphaphenanthrene 10-Oxide , CAS #: 35948-25-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>Alt. 2:</u> Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.18	<u>Alt. 1:</u> Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%: 1. Chemical name, Aromatic polyphosphate , CAS #: 181028-79-5 (See NOTE B4) 2. Chemical name: , CAS #: " 3. Chemical name: , CAS #: "	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>Alt. 2:</u> Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4: FR(40)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.19	Plastic parts > 25 g, are free from flame retardant substances/ preparations above 0,1% are classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See NOTE B3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>.

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.


Model number *	N24Q5	Logo 
Issue date *	2024/01/16	

Product environmental attributes - Market requirements (continued)					Requirement met		
Item					Yes	No	n.a.
Material and substance requirements (continued)							
P7.20*	Postconsumer recycled plastic material content is used in the product (See NOTE B6): If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is 35.0016 %. or b) The weight of recycled material is 107.3 g.				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.21*	Biobased plastic material content is used in the product (See NOTE B7): If YES; at least one of the two alternatives below shall be answered; a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is %. or b) The weight of the biobased plastic material is g.				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P7.22*	Light sources are free from mercury, i.e. less than 0,1 mg/lamp. If mercury is used specify: Number of lamps: and maximum mercury content per lamp: mg				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P7.23*	If product includes an integral display, the total mercury content in the integrated display: mg				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P8 Batteries							
P8.1*	Battery chemical composition: <i>Lithium Battery/RTC battery</i>				<input type="checkbox"/>		
P9 Energy consumption (See NOTE B8)							
P9.1 For the product the following power levels or energy consumptions are reported:							
Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for energy modes and test method *	<input type="checkbox"/>		
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	0.02W	0.020W	0.120W	ENERGY STAR V8.0			
PTEC * Typical Energy Consumption	2.24772 & 3.1484 W	2.23288 & 3.16667W	2.28995 & 3.46119 W	ENERGY STAR V8.0	<input type="checkbox"/>		
ETEC * Annual Energy Consumption	19.69 & 27.58 kWh/year	19.56 & 27.74 kWh/year	20.06 & 30.32 kWh/year	ENERGY STAR V8.0	<input type="checkbox"/>		
External Power Supply Efficiency Level (International Efficiency Marking Protocol) * : VI					<input type="checkbox"/>		
Display resolution * : 1920x1080 megapixels					<input type="checkbox"/>		
Default time to enter energy save mode: 10 minutes					<input type="checkbox"/>		
P9.2*	Information about the energy save function is provided with the product.				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P9.3	Energy efficiency class (monitors only):						<input checked="" type="checkbox"/>

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

NOTE B8 A Guidance document on Energy Efficiency is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>.

Model number *	N24Q5	Logo 
Issue date *	2024/01/16	

Product environmental attributes - Market requirements (continued)			Requirement met		
Item			Yes	No	n.a.
P10	Emissions				
	Noise emission – Declared according to ISO 9296 (See NOTE B9)				
P10.1	Mode	Mode description	Statistical upper limit A-weighted sound power level, $L_{WA,c}$ (B)		
	Idle	* <i>Idle</i>	* 2.68	<input type="checkbox"/>	<input type="checkbox"/>
	Operation	*	*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Other mode			<input type="checkbox"/>	<input type="checkbox"/>
	Measured according to: <input checked="" type="checkbox"/> ISO 7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74)				
	Electromagnetic emissions				
P10.4	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program(s):		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12	Ergonomics for computing products				
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
P13	Packaging and documentation				
P13.1*	Product packaging material type(s): <i>Papers</i> weight (kg): <i>0.723</i> Product packaging material type(s): <i>PET/PE/PP/LDPE</i> weight (kg): <i>0.01650</i> Product packaging material type(s): weight (kg):				
P13.2*	Product plastic primary packaging is free from PVC.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-consumer recovered fiber content: <i>100</i> %				<input type="checkbox"/>
P13.4*	Specify media for user and product documentation (tick box): Electronic <input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Other <input type="checkbox"/>				<input type="checkbox"/>
P13.5	(Please only complete this item if paper documentation used) User and product documentation on paper media is chlorine-free: If Yes, please specify: Totally chlorine-free Elemental chlorine-free Processed chlorine-free		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>		
			<input checked="" type="checkbox"/>		
			<input checked="" type="checkbox"/>		
P14	Voluntary programs				
P14.1	The product meets the requirements of the following voluntary program(s):				
	ENERGY STAR®	Criteria version: <i>8.0</i>	Date: <i>2023/12/14</i>	Product category: <i>Notebook, 1 & 2</i>	
	Eco-label:	Criteria version:	Date:	Product category:	
	Eco-label:	Criteria version:	Date:	Product category:	
P15	Additional information (See NOTE B10)				
P10	Noise Emission: Declared A-weighted sound pressure level LpAm (Idle 23.8 dB)				
P7.15	Printed circuit boards, PCBs (without components) are low halogen: The low halogen of power adapter is optional.				

NOTE B9 A Guidance document on Acoustic Noise is available;
see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>.

NOTE B10 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

Legal references Europe Annex B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive)* * Specific exemptions apply for certain products and applications.	P1.1, P3.1
Regulation (EC) 1907/2006 (REACH Regulation), annex XVII	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2006/66/EC (Battery and accumulators Directive), as amended.* * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2.3, P8.1
Directive 2014/35/EU (Low Voltage Directive)	P3.1
Directive 2014/30/EU (EMC Directive)	P3.1
Directive 2014/53/EU (RE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power demand and average active efficiency of external power supplies	P3.1, P3.2, P9.1
COMMISSION REGULATION (EU) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers	P2.4, P2.5, P3.1, P3.2, P7.23, P9.1
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive) Implementing Regulation (EU) 2019/290 establishing the format for registration and reporting of producers of electrical and electronic equipment to the register. Commission Implementing Regulation 2017/699 establishing a common methodology for the calculation of the weight of electrical and electronic equipment (EEE) placed on the national market in each Member State and a common methodology for the calculation of the quantity of waste electrical and electronic equipment (WEEE) generated by weight in each Member State.	P6.1

ATTESTATION OF CONFORMITY



Directive(s):	<i>Electromagnetic Compatibility Directive (2014/30/EU) Electromagnetic Compatibility Regulations 2016</i>
Attestation No.:	<i>23110360</i>
Applicant / Holder:	<i>Acer Incorporated</i>
Address:	<i>8F, 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City, 22181, Taiwan</i>
Trade Name:	<i>acer</i>
Product / Test Item:	<i>Notebook Computer</i>
Model / Type Reference:	<i>N24Q5</i>
Marketing Name:	<i>see Annex</i>

The submitted sample(s) have been tested with the following standard(s) and found to be in compliance with the essential requirements of the Directive(s):

Standard(s)	
EN 55032:2015+A11:2020 (Class B)	EN 55035:2017+A11:2020
BS EN 55032:2015+A11:2020	BS EN 55035:2017+A11:2020
AS/NZS CISPR 32:2015+AMD1:2020	EN 61000-4-2:2009, BS EN 61000-4-2:2009
EN 301 489-1 V2.2.3 (2019-11)	EN IEC 61000-4-3:2020, BS EN IEC 61000-4-3:2020
EN 301 489-17 V3.2.4 (2020-09)	EN 61000-4-4:2012, BS EN 61000-4-4:2012
EN IEC 61000-3-2:2019	EN 61000-4-5:2014+A1:2017,
EN IEC 61000-3-2:2019+A1:2021	BS EN 61000-4-5:2014+A1:2017
BS EN IEC 61000-3-2:2019	EN 61000-4-6:2014, BS EN 61000-4-6:2014
BS EN IEC 61000-3-2:2019+A1:2021	EN 61000-4-8:2010, BS EN 61000-4-8:2010
EN 61000-3-3:2013+A1:2019	EN IEC 61000-4-11:2020, BS EN IEC 61000-4-11:2020
EN 61000-3-3:2013+A2:2021	
BS EN 61000-3-3:2013+A1:2019	
BS EN 61000-3-3:2013+A2:2021	

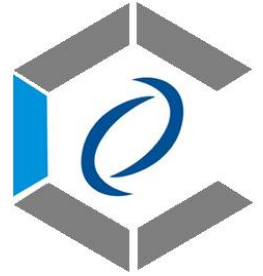
The referred test report(s) show that the product fulfills the essential requirements set out in the Directive(s). On this basis, together with the manufacturer's own documented production control, the manufacturer or his European authorized representative can in his EC Declaration of Conformity verify compliance with the Directive(s). The CE marking could be affixed only when all the relevant and effective EC Directives are complied with.



Kero Kuo / EMC & RF Manager
2024-01-26

Cerpass Technology Corporation

ATTESTATION OF CONFORMITY



ANNEX

Marketing Name:	<i>TravelMate P214-55-G2, TravelMate P214-55-G2-TCO, TMP214-55-G2, TMP214-55-G2-TCO, Z8U</i>
	<i>TravelMate P414-53-G2, TravelMate P414P-53-G2, TMP414-53-G2, TMP414P-53-G2, Z8UB</i>
	<i>TravelMate P214-43, TravelMate P214-43-TCO, TMP214-43, TMP214-43-TCO, Z8M</i>

Cerpass Technology Corporation

TMP414-53-G2



COMPUTERS &
DISPLAYS

Product Summary:

Product Type:	Notebook
Registered In:	United States
Manufacturer:	Acer
EPEAT Tier:	Gold
Registration Date:	2024-02-15
Product Status:	Active

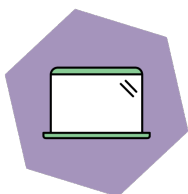
All unique product identifiers existing for this product may not be listed here. If the unique product identifier you are looking for is not listed, please contact EPEAT at EPEAT@GEC.org.

[EXPORT PRODUCT SUMMARY](#)



CERTIFICATE

TCO Certified, generation 9
for notebooks



Brand name: Acer

Sales name: TravelMate P4 14

Certification date: 2024-01-17

Expiry date: 2026-01-17

Toward sustainable IT products

TCO Certified is the world-leading sustainability certification for IT products. It is an easy-to-use tool that helps you get environmental and social sustainability right. Criteria are mandatory, tough, and apply globally. Compliance is always independently verified.

For more information, visit tcocertified.com.

No. N924010390

Emma Hagrot
Certification process
TCO Development

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.

Appendix to certificate No. N924010390



Brand name: Acer

Sales name(s):

TravelMate P4 14

Separate power supply: Yes, Class 1 & Class 2
Operating mode sound level: 2.9 B



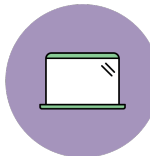
26%
Recycled plastic



1.9 kg
Total weight of product



Energy consumption:
For energy consumption and yearly emissions, visit tcocertified.com/product-finder/



Aspect ratio: 16:10
Panel size: 14 in
Min. resolution width: 1920 px
Min. resolution height: 1200 px



Battery longevity:
The main battery in this product is tested to withstand at least: **300** full discharges until it reaches 80% of the initial capacity



Durability
Drop test height: 122 cm
High temp operational: 49° C
Low temp operational: -32° C

Model names(s)

N24Q5, TMP414-53-G2-TCO, TMP414-42-TCO

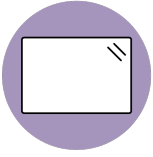
Model name type key(s)

1st * : N/A

2nd * : N/A

Emma Hagrot
Certification process
TCO Development

Appendix to certificate No. N924010390



Panels:

INNOLUX / N140JCA-EEK C2, AUO / B140QAN05.0, AUO / B140UAN02.2, AUO / B140UAN04.6, BOE / NV140DRM-N62 V8.1, BOE / NV140WUM-N41 V8.4



Batteries:

LGES / AP23A8L, LGES / AP22A8N, CosMX / AP20CBL, CosMX / AP22ABN



Adapters:

Delta / ADP-65KE B, Delta / ADP-100XB B, Liteon / PA-1650-58, Chicony / A20-065N3A

A handwritten signature in blue ink, appearing to read 'Emma Hagrot'.

Emma Hagrot
Certification process
TCO Development

Certificate of Conformance

Energy Efficiency Certification

Certificate No.

4791114964

Issue date

2023-12-21

Revision date



UL Solutions conducted an independent evaluation on behalf of:

ACER INC

8F 88 Sec 1 Xintai 5th Rd, Xizhi, New Taipei City 221 Taiwan

for the following products:

Computers

Brand: acer

Model: See Appendix A

This product meets all of the necessary qualifications pursuant to:

ENERGY STAR® PROGRAM REQUIREMENTS FOR COMPUTERS -
VERSION 8.0 - Effective Date 2020/10/15

A handwritten signature in black ink, appearing to be 'O. A. J.', written over a horizontal line.

Program owner

00-VS-F0419, Version 8.0, This is to certify that representative samples of the Certified Product(s) listed above have been investigated by UL Solutions to the Standard(s) indicated on this certificate, in accordance with the UL Global Services Agreement and the EEC Terms & Conditions ("Agreement"). The Certificate Holder is entitled to use the UL Energy Verified Mark for the Certified Product(s) listed on the certificate and manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate shall remain valid unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



Appendix A

Model Name	Model Number	Family Models		Additional Identifying Information
		Model Name	Model Number	
N24Q5	TMP414-53-G2	N24Q5	TMP414P-53-G2	