DELLTechnologies

LATITUDE 3420 | 3520

Smarter and faster than ever.

MODERN RESILIENT DESIGN

With a smaller footprint and thinner bezel, the Latitude 3420 and 3520 also come with a new darker finish and polished sidewalls for a clean, professional look. With brighter FHD panel options (up to 300 nits on 14"; up to 250 nits on 15"), narrow side borders, and touch capability, the front-of-screen experience is more outstanding than ever. Enjoy an excellent user experience with improved edge-to-edge keyboard design, larger keycaps and L/R arrows, and a larger touchpad area. Now available with optional mechanical privacy shutter for added privacy and security.

The Latitude 3420 and 3520 pass 17 MIL-STD 810H tests. Additional endurance testing on the 3420 helps to ensure uninterrupted learning and all-day productivity for K-12 Education students and teachers. The 3420 survives 2,000 4-inch micro-drops, 10,000 hinge-cycle tests, 12oz of liquid spill onto the keyboard, and 48-inch drops onto plywood. It also withstands extensive pogo, torsion, and weighted shock tests that are meant to simulate high loads to the notebook, such as sitting or stepping on the device, stuffing into a loaded bag, or enduring forces that might typically be induced in a student backpack.++

UP-LEVELED INTELLIGENCE WITH DELL OPTIMIZER

The Latitude 3420 and 3520 feature Dell Optimizer, built-in AI that learns and responds to the way you work to improve application performance, battery life and audio settings. NEW ExpressConnect dynamically provides better Wi-Fi connection for faster, prioritized speeds and prioritizes bandwidth for conference calls. ExpressResponse learns how users typically utilize their favorite applications, continuously improving and applying settings, for the nimblest performance possible. ExpressCharge reduces downtime and learns your day-to-day charging habits to ensure your battery operates at its full potential, and charges up to 80% in about 1 hour. Intelligent Audio will automatically tune your system by reducing echoes and background noise, managing speech volume, and refining overall sound experience.

ENTERPRISE-LEVEL FEATURES TO BOOST PRODUCVITY FOR EVERY BUSINESS

Any business can power through any day with up to 11th Gen Intel® TGL-U Celeron Core™ i7 processors that offer performance, manageability, built-in security features, and the stability of Intel®, all of which align to a future-proof roadmap. Get to work right away with the power-on lid-open feature, as well as an optional fingerprint reader that is built into the power button. Also, take advantage of Windows Hello with the optional IR camera to authenticate secure access to your device with facial recognition technology. Stay productive all day with the world's longest battery life of any essential commercial notebook.+ Compatible with even more monitors and accessories, the Latitude 3420 and 3520 come with a full range of available ports, including USB Type-C™ 3.2 Gen2 port and legacy ports like HDMI and RJ45. EPEAT Gold Certification helps to ensure that buying the Latitude 3420 or 3520 is a purchase you can feel good about. Power your productivity with memory options up to 64 GB, DDR4, 3200 MHz. Take advantage of the ability to customize your system exactly the way you want it. Choose from SSD options up to 1TB and dual drive choices with HDD secondary storage. Select either the 41Whr 3-cell battery or the 54Whr 4-cell battery for optimal battery run-time. Connect anywhere and seamlessly work on the go thanks to eSIM technology, which is now available on both the 14" and 15" devices (NA and EMEA only). Optional LTE mobile broadband offers speeds up to 450Mbps and optional Intel® Wi-Fi 6 capability provides reliable connectivity, fast speeds and next-gen security to PCs and wireless networks. Performance is improved with optional NVIDIA MX450 graphics.

Recommended Accessories

ON-THE-GO

DELL USB-C MOBILE ADAPTER | DA310

Featuring the widest variety of ports available, the compact 7-in-1 Dell USB-C Mobile Adapter offers seamless connectivity to various devices like monitorsi, projectors, headsets, keyboard, mouse, flash drives and other accessories.

DELL PRO SLIM BACKPACK 15 | PO1520PS

A dependable everyday companion providing eco-friendly quality protection and water-resistant protective coating for your device and other essentials.

DELL MOBILE WIRELESS MOUSE | MS3320W

Work seamlessly with dual-mode connectivity (2.4GHz wireless or Bluetooth) and 36 months of

DELL USB-C NOTEBOOK POWER BANK 65W/65WHR | PW7018LC

With fast, high-power delivery of up to 65Whr, this power bank can charge the widest range of USB-C® laptops and mobile devices.

DELL PRO SLIM BRIEFCASE 15 | PO1520CS

Keep your laptop and other essentials securely protected within the eco-friendly Dell Pro Slim Briefcase 15. Your devices inside will remain dry in wet, stormy weather, thanks to the water-resistant protective coating.

AT THE DESK

DELL DOCK | WD19S

Work at full speed with Dell's powerful USB-C dock. Charge your system faster, support up to three displays and connect to your peripherals via a single cable.

DELL 24 MONITOR | E2420HS

A 23.8" monitor enhances your daily workflow. Featuring a height adjustable stand, Full HD resolution and integrated speakers in a space-saving design.

DELL PRO WIRELESS KEYBOARD AND MOUSE | KM5221W

Enhance your all-day productivity with this wireless keyboard and mouse combo. Keeps your desk clutter-free and lets you stay productive with up to 36 months battery life and programmable shortcut buttons.

DELL PRO STEREO HEADSET | UC150

Hear every word clearly on your next call with the Dell Pro Stereo Headset, optimized to provide in-person call quality.

DELL DUAL MONITOR STAND | MDS19

This space saving stand, mounts up to two 27" monitors, providing the screen real estate you need to be most productive.

Built for business

Experience a new way to work with Dell Technologies Unified Workspace. Intelligence built-in. Modernization built-on.

We know that having the right device is just the start to a great workday. Employees need intelligent, intuitive and responsive experiences that allow them to work productively and without interruption. Dell Technologies Unified Workspace is transforming the employee experience and ensuring IT has proactive, predictive and automated solutions to deliver on the promise of a modern workday, while simplifying their ability to deploy, secure, manage and support their environment.

DEPLOY

ProDeploy in the Unified Workspace allows IT to move away from traditional, high-touch, manual deployment, and instead, ship devices preconfigured with company apps and settings from the Dell factory directly to their end users—having end users up and working on day one.

SECURE

Secure: Dell Trusted Devices are a secure foundation for the modern mobile workforce. Our comprehensive family of endpoint security solutions work together to secure the device both above and below the OS, giving IT confidence and enabling end users to remain productive.
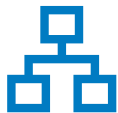
MANAGE

With Dell's modern end-point management solutions, we can accelerate uninterrupted workflow with automation, integration and optimization from one trusted partner.

PROSUPPORT CLIENT SUITE WITH SUPPORTASSIST

AI-driven predictive, proactive support keeps end-users working at full speed and IT admins looking ahead by virtually eliminating unplanned downtime.

Features & technical specifications

Feature	Technical Specifications	Technical Specifications
Model Number[1]	3420	3520
Processor[1]	11th Generation Intel® Celeron® 6305U, 4 MB Cache, 2 Core, 2 Threads, Up to 1.80 GHz, 15 W 11th Generation Intel® Core™ i3-1115G4, 6 MB Cache, 2 Core, 4 Threads, 3.0 GHz to 4.10 GHz, 15 W 11th Generation Intel® Core™ i3-1125G4, 8 MB Cache, 4 Core, 8 Threads, 2.0 GHz to 3.70 GHz, 15 W 11th Generation Intel® Core™ i5-1135G7, 8 MB Cache, 4 Core, 8 Threads, 2.40 GHz to 4.20 GHz, 15 W 11th Generation Intel® Core™ i5-1145G7, 8 MB Cache, 4 Core, 8 Threads, 2.60 GHz to 4.40 GHz, 15 W 11th Generation Intel® Core™ i7-1165G7, 12 MB Cache, 4 Core, 8 Threads, 2.80 GHz to 4.70 GHz, 15 W	11th Generation Intel® Celeron® 6305U, 4 MB Cache, 2 Core, 2 Threads, Up to 1.80 GHz, 15 W 11th Generation Intel® Core™ i3-1115G4, 6 MB Cache, 2 Core, 4 Threads, 3.0 GHz to 4.10 GHz, 15 W 11th Generation Intel® Core™ i3-1125G4, 8 MB Cache, 4 Core, 8 Threads, 2.0 GHz to 3.70 GHz, 15 W 11th Generation Intel® Core™ i5-1135G7, 8 MB Cache, 4 Core, 8 Threads, 2.40 GHz to 4.20 GHz, 15 W 11th Generation Intel® Core™ i5-1145G7, 8 MB Cache, 4 Core, 8 Threads, 2.60 GHz to 4.40 GHz, 15 W 11th Generation Intel® Core™ i7-1165G7, 12 MB Cache, 4 Core, 8 Threads, 2.80 GHz to 4.70 GHz, 15 W
Operating System[1]	Windows 11 Home Windows 11 Pro Windows 10 Pro, 64-bit Windows 10 Home, 64-bit Ubuntu® Linux® 20.04 LTS, 64-bit Kylin Linux version 10	Windows 11 Home Windows 11 Pro Windows 10 Pro, 64-bit Windows 10 Home, 64-bit Ubuntu® Linux® 20.04 LTS, 64-bit Kylin Linux version 10
Memory Options[1,2,3]	4 GB, 1 x 4 GB, DDR4, 3200 MHz 8 GB, 1 x 8 GB, DDR4, 3200 MHz 8 GB, 2 x 4 GB, DDR4, 3200 MHz 16 GB, 1 x 16 GB, DDR4, 3200 MHz 16 GB, 2 x 8 GB, DDR4, 3200 MHz 32 GB, 1 x 32 GB, DDR4, 3200 MHz 32 GB, 2 x 16 GB, DDR4, 3200 MHz 64 GB, 2 x 32 GB, DDR4, 3200 MHz	4 GB, 1 x 4 GB, DDR4, 3200 MHz 8 GB, 1 x 8 GB, DDR4, 3200 MHz 8 GB, 2 x 4 GB, DDR4, 3200 MHz 16 GB, 1 x 16 GB, DDR4, 3200 MHz 16 GB, 2 x 8 GB, DDR4, 3200 MHz 32 GB, 1 x 32 GB, DDR4, 3200 MHz 32 GB, 2 x 16 GB, DDR4, 3200 MHz 64 GB, 2 x 32 GB, DDR4, 3200 MHz
Intel Responsiveness Technologies[1,7]	Intel® Rapid Storage Technology	Intel® Rapid Storage Technology
Graphics[1,13]	Integrated: Intel® UHD Graphics Intel® Iris® Xe Graphics Discrete: NVIDIA® GeForce® MX450, 2 GB GDDR5 NVIDIA® GeForce® MX350, 2 GB GDDR5	Integrated: Intel® UHD Graphics Intel® Iris® Xe Graphics Discrete: NVIDIA® GeForce® MX450, 2 GB GDDR5 NVIDIA® GeForce® MX350, 2 GB GDDR5
Display[1]	14-inch, HD 1366 x 768, 60 Hz, anti-glare, non-touch, 45% NTSC, 220 nits, twisted nematic 14-inch, FHD 1920 x 1080, 60 Hz, anti-glare, non-touch, 45% NTSC, 250 nits, wide-viewing angle 14-inch, FHD 1920 x 1080, 60 Hz, anti-glare, touch, 100% sRGB, 300 nits, wide-viewing angle	15.6-inch, HD 1366 x 768, 60 Hz, anti-glare, non-touch, 45% NTSC, 220 nits, twisted nematic 15.6-inch, FHD 1920 x 1080, 60 Hz, anti-glare, non-touch, 45% NTSC, 250 nits, wide-viewing angle 15.6-inch, FHD 1920 x 1080, 60 Hz, anti-glare, touch, 100% sRGB, 250 nits, wide-viewing angle
Storage[1,3]	SSD M.2 2280 PCIe Gen 3 NVMe Class 35 up to 512GB SSD M.2 2280 PCIe Gen 3 NVMe Class 40 up to 1TB HDD 2.5-inch SATA 1 TB, 5400 RPM (secondary storage only) HDD 2.5-inch SATA 500 GB, 7200 RPM (secondary storage only)	SSD M.2 2280 PCIe Gen 3 NVMe Class 35 up to 512GB SSD M.2 2280 PCIe Gen 3 NVMe Class 40 up to 1TB HDD 2.5-inch SATA 1 TB, 5400 RPM (secondary storage only) HDD 2.5-inch SATA 500 GB, 7200 RPM (secondary storage only)
Security[1]	Hardware Security Components: TPM 2.0 discrete FIPS 140-2 certified, TCG Certified Optional: - Windows Hello compliant IR Camera - Touch Fingerprint Reader in power button Management: Dell Client Command Suite: On-Prem Dell Client Command Suite: Cloud Dell Optimizer Dell Power Manager Support Assist for PCs Support Assist OS Recovery (Excalibur)	Hardware Security Components: TPM 2.0 discrete FIPS 140-2 certified, TCG Certified Optional: - Windows Hello compliant IR Camera - Touch Fingerprint Reader in power button Management: Dell Client Command Suite: On-Prem Dell Client Command Suite: Cloud Dell Optimizer Dell Power Manager Support Assist for PCs Support Assist OS Recovery (Excalibur)

Features & technical specifications

LATITUDE 3420 | 3520

Feature	Technical Specifications	Technical Specifications
Security[1]	**Security SW:** Dell SafeBIOS – Off-Host Verification Dell SafeBIOS – Indicators of Attack Dell SafeID VMware Carbon Black Endpoint Standard VMware Carbon Black Endpoint Advanced VMware Carbon Black Endpoint Enterprise Absolute Visibility Absolute Control Absolute Resilience Dell Encryption Enterprise Dell Encryption Personal VMware Workspace ONE Netskope Cloud Access Security Broker (CASB) Netskope Secure Web Gateway Netskope Private Access	**Security SW:** Dell SafeBIOS – Off-Host Verification Dell SafeBIOS – Indicators of Attack Dell SafeID VMware Carbon Black Endpoint Standard VMware Carbon Black Endpoint Advanced VMware Carbon Black Endpoint Enterprise Absolute Visibility Absolute Control Absolute Resilience Dell Encryption Enterprise Dell Encryption Personal VMware Workspace ONE Netskope Cloud Access Security Broker (CASB) Netskope Secure Web Gateway Netskope Private Access
Docking[1]	Dell Dock - WD19S (optional, sold separately) WD19S, WD19TBS* (optional, sold separately)	Dell Dock - WD19S (optional, sold separately) WD19S, WD19TBS* (optional, sold separately)
Optical Drive Options	No optical drive	No optical drive
Multimedia[1]	High Quality Speakers HD RGB Camera or FHD IR Camera Options with Dell privacy shutter (shutter only on FHD panels) Dual Array Microphones with HD RGB Camera and FHD IR Camera Universal Audio jack	High Quality Speakers HD RGB Camera or FHD IR Camera Options with Dell privacy shutter (shutter only on FHD panels) Dual Array Microphones with HD RGB Camera and FHD IR Camera Universal Audio jack
Battery Options[1]	3 cell 41 WHr[6] Polymer ExpressCharge™ Capable Battery 4 cell 54 WHr[6] Polymer ExpressCharge™ Capable Battery	3 cell 41 WHr[6] Polymer ExpressCharge™ Capable Battery 4 cell 54 WHr[6] Polymer ExpressCharge™ Capable Battery
Power Options[1]	65 W AC adapter, 4.5 mm barrel 65 W AC adapter, USB-C	65 W AC adapter, 4.5 mm barrel 65 W AC adapter, USB-C
Connectivity options[1,14]	10/100/1000 Ethernet **Wireless LAN Options:** Realtek RTL8822CE, 867 Mbps, 2.40 Ghz/5 GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth 5.0 Intel® AX201, 2x2 MIMO, 2.40 Gbps, 2.40 Ghz/5 GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth 5.1 Qualcomm QCA61x4A, 2x2, MIMO, 867 Mbps, 2.40 Ghz/5 GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth 5.0 **Optional Mobile Broadband Options:[8,10]** Intel XMM 7360 LTE-Advanced (DW5820e) (eSim capable) Intel XMM 7360 LTE-Advanced (DW5820e) for AT&T, Verizon & Sprint, US Intel XMM 7360 LTE-Advanced (DW5820e) for Turkey	10/100/1000 Ethernet **Wireless LAN Options:** Realtek RTL8822CE, 867 Mbps, 2.40 Ghz/5 GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth 5.0 Intel® AX201, 2x2 MIMO, 2.40 Gbps, 2.40 Ghz/5 GHz, Wi-Fi 6 (WiFi 802.11ax), Bluetooth 5.1 Qualcomm QCA61x4A, 2x2, MIMO, 867 Mbps, 2.40 Ghz/5 GHz, Wi-Fi 5 (WiFi 802.11ac), Bluetooth 5.0 **Optional Mobile Broadband Options:[8,10]** Intel XMM 7360 LTE-Advanced (DW5820e) (eSim capable) Intel XMM 7360 LTE-Advanced (DW5820e) for AT&T, Verizon & Sprint, US Intel XMM 7360 LTE-Advanced (DW5820e) for Turkey
Ports, Slots & Chassis[1]	1 USB Type-C™ 3.2 Gen2 with DisplayPort alt mode/Power Delivery 1 USB 3.2 Gen 1 port 1 USB 3.2 Gen 1 port with PowerShare 1 USB 2.0 port 1 HDMI 1.4a port 1 RJ-45 Ethernet port 1 Universal audio port 1 barrel power adapter port 1 External uSIM card tray (optional): eSim capable 1 microSD 3.0 card slot 1 wedge-shaped lock slot	1 USB Type-C™ 3.2 Gen2 with DisplayPort alt mode/Power Delivery 1 USB 3.2 Gen 1 port 1 USB 3.2 Gen 1 port with PowerShare 1 USB 2.0 port 1 HDMI 1.4a port 1 RJ-45 Ethernet port 1 Universal audio port 1 barrel power adapter port 1 External uSIM card tray (optional): eSim capable 1 microSD 3.0 card slot 1 wedge-shaped lock slot

Dimensions & Weight[1,15]	Height - Front: 17.6mm / 0.69in Rear: 17.6mm / 0.69in Width: 326mm / 12.83" Depth: 226mm / 8.89" Starting weight: 1.52 kg / 3.35 lbs	Height - Front: 18.06mm / .71" Rear: 18.06mm / .71" Width: 361mm / 14.21" Depth: 240.95mm / 9.48" Starting weight: 1.79 kg / 3.95 lbs
Feature	**Technical Specifications**	**Technical Specifications**
Regulatory and Environmental Compliance[1]	Regulatory Model Number: P144G ENERGY STAR compliant EPEAT Gold registered configurations available. For specific country participation and rating, please see www.epeat.net BFR/PVC free[9]	Regulatory Model Number: P108F ENERGY STAR compliant EPEAT Gold registered configurations available. For specific country participation and rating, please see www.epeat.net BFR/PVC free[9]
Input[1]	Single Pointing non-backlit Keyboard, Spill Resistant Single Pointing backlit Keyboard, Spill Resistant Microsoft® Precision Touchpad	Single Pointing non-backlit Keyboard with 10-Key Numeric Keypad , Spill Resistant Single Pointing backlit Keyboard with 10-Key Numeric Keypad, Spill Resistant Microsoft® Precision Touchpad
Systems Management[1]	Dell Client Command Suite: On-Prem Dell Client Command Suite: Cloud Dell Optimizer Dell Power Manager Support Assist for PCs Support Assist OS Recovery (Excalibur)	Dell Client Command Suite: On-Prem Dell Client Command Suite: Cloud Dell Optimizer Dell Power Manager Support Assist for PCs Support Assist OS Recovery (Excalibur)
Warranty and Service[1]	Limited Hardware Warranty[4], Standard 1 year Mail-in Service after Remote Diagnosis[11], optional 2, 3, 4 and 5 year hardware warranty extensions, and 3-5 year Dell ProSupport contracts available[12]	Limited Hardware Warranty[4], Standard 1 year Mail-in Service after Remote Diagnosis[11], optional 2, 3, 4 and 5 year hardware warranty extensions, and 3-5 year Dell ProSupport contracts available[12]
Peripheral Ecosystem[1]	Purpose built ecosystem to enable productivity on the go or at the desk. Includes Dell Business Dock, Dell Power Companions, Dell Professional Hybrid Briefcase Backpack, Dell 24" Monitors, and Dell Wireless Keyboard and Mouse, Dell USB-C Mobile Adapter, Dell Mobile Adapter Speakerphone, Dell Pro Stereo Headset	Purpose built ecosystem to enable productivity on the go or at the desk. Includes Dell Business Dock, Dell Power Companions, Dell Professional Hybrid Briefcase Backpack, Dell 24" Monitors, and Dell Wireless Keyboard and Mouse, Dell USB-C Mobile Adapter, Dell Mobile Adapter Speakerphone, Dell Pro Stereo Headset

DELLTechnologies

LATITUDE 3420 | 3520

Smarter and faster than ever.

EU DECLARATION OF CONFORMITY

CE

Name and Address of the manufacturer:
Dell Inc.
One Dell Way
MS: PS4-30
Round Rock, Texas USA 78682

Name and address of the authorised representative:
Dell Products Europe BV
Raheen Business Park
Limerick, Ireland
Contact: http://support.dellproductcompliance.com

This declaration of conformity is issued under the sole responsibility of Dell, Inc.

OBJECT OF THE DECLARATION

Type of Object……………..: Portable Computer
Regulatory Model………....: P144G
Regulatory Type[1]………...: **P144G001, P144G002**
Trade/Manufacturer name.: **Dell**

The object of the declaration described above is in conformity with the following Directives:

• DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC
• DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
• DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 October 2009 establishing a framework for the setting of eco design requirements for energy related products.

The object of the declaration is in compliance with the following European standards, regulations, and technical references:

SAFETY   EN 62311:2008
EN IEC 62368-1:2020 +A11:2020

EMC   EN 55032:2015
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 301 489-1 V2.2.3
EN 301 489-17 V3.2.4
EN 301 489-19 V2.1.1
DRAFT EN 301 489-52 V1.1.2
EN 55035:2017 +A11:2020

RoHS   EN IEC 63000:2018

ENERGY   EN 50563:2011
EN 50564:2011
EN 62623:2013
Commission Regulation (EU) No. 2019/1782
Commission Regulation (EC) No. 1275/2008
Commission Regulation (EU) No. 801/2013
Commission Regulation (EU) No. 617/2013

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[1] Regulatory Type uniquely identifies the product Tracking Number, radio, apparatus and EEE which is the object of this DoC.

RADIO   EN 303 413 V1.1.1
EN 301 908-1 V13.1.1
EN 301 908-2 V13.1.1
EN 301 908-13 V13.1.1
EN 300 328 V2.2.2
EN 301 893 V2.1.1
EN 300 440 V2.1.1

SUPPLEMENTARY INFORMATION: The object of this declaration has been tested and found to comply with the electromagnetic compatibility (EMC) limits for a Class B digital device pursuant to the listed directives, regulations and standards. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential or business environment. Optional devices, such as radios, conform to the noted standard when the Dell Inc. provided devices are installed in the product. The equipment was tested in a typical configuration

Round Rock, Texas, USA	Maurice Wu
Place of Issue	Full Printed Name
3/17/2022	**Senior Manager, Regulatory Engineering**
Date of Issue	Position/Title
CDP144G001-00	
Dell Document Control	

2022/3/18

X _Maurice Wu_

Signed for and on behalf of Dell Inc.
簽署者: Maurice_Wu

Product Compliance Datasheet

MARKETING NAME…………: **Latitude 3420**

REGULATORY MODEL…..…: **P144G**

REGULATORY TYPE……...: **P144G001, P144G002**

EMC EMISSIONS CLASS…...: **B**

EFFECTIVE DATE………..…...: **April 13, 2021**

Table of contents

I.   Statement of Compliance

This product has been determined to be compliant with the applicable standards, regulations, and directives for the countries where the product is marketed. The product is affixed with regulatory marking and text as necessary for the country/agency. Dell manufacturers and markets Multimedia Equipment (MME), Information Technology Equipment (ITE), Audio Visual Equipment (A/V), Industrial, Scientific, Medical Equipment (ISM) or combinations of these. Generally, products Electromagnetic Compatibility (EMC) and Product Safety compliance is based on International IEC and CISPR standards and their national equivalent along with national standards for Radio (wireless), Telecommunications (Modem) and Energy. Dell products have been verified to comply with the Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU of the European Parliament and the Council. Dell product does not contain any of the restricted substances in concentrations and applications not permitted by the RoHS Directive.

EMC Emissions Class refers to one of the following use environments:

- EMC Class B product is intended for use in residential/domestic environments but may also be used in nonresidential/non-domestic environments.

- EMC Class A product is intended for use in non-residential/non-domestic environments. Class A product may also be utilized in residential/domestic environments but may cause interference and require the user to take adequate corrective measures.

For Product Safety and EMC compliance, this product has been assigned a unique regulatory model and regulatory type that is imprinted on the product regulatory labeling to provide traceability to the regulatory approvals noted on this datasheet. This datasheet applies to any product that utilizes the assigned regulatory model and type including marketing names other than those listed on this datasheet. Dell products with the CE marking have been verified to comply with Energy Related Products (ErP) Directive 2009/125/EC of the European Parliament and of the Council. https://www.dell.com/ErP User Information. REACH (Registration, Evaluation, Authorization and Restriction of Chemicals), Regulation (EC) 1907/2006 of the European Parliament and of the Council is the European Union's (EU) chemical substances regulatory framework. Dell complies with the REACH regulation. For information on SVHC (Substances of Very High Concern), see www.dell.com/REACH. This products compliance documentation, such as this datasheet and the European Union Declaration of Conformity are available on the product support page, manuals tab http://www.dell.com/support. Additional compliance documentation for the product is available upon submitting a request at http://www.dell.com/regulatory_compliance. Please include product identifiers such as marketing name, regulatory model, regulatory type and country that compliance information is needed in the email request.

II.   Global Environmental Information

Environmental (Voluntary Marks)		
Country	**Approval**	**Compliance**
Global	ENERGY STAR (Configuration Dependent)	*8.0*
Global	TCO Certified	*8.0*

China	CECP	Yes
China	CEC	Yes
Taiwan	Greenmark	Yes
Varies by Country See EPEAT.net	EPEAT (Configuration Dependent)	Refer to EPEAT.net for specific registration levels and countries

Adapter Certification and Declarations	
Country	**Authority/Mark**
Australia/New Zealand	Australia/NZ MEPS
Canada	NRCan
US – California Energy Commission	Adapter & Battery Charger
European Union	Regulation EC No 278/2009
South Korea	South Korea MEPS

III. Declaration of Similarity

Object of the Declaration	
Product Type	Notebook
Regulatory Model Number	P144G
Regulatory Type Number	P144G001, P144G002
Trade Name/ Trade Mark	DELL
Marketing Name(s)	Latitude 3420

Dell Inc. herby declares that the products identified by the product designations listed in this declaration are strictly identical in design (shape, opening, etc.) components, materials, manufacturing process, and markings except for product designation – Trade Name and/or Trade Mark as specified in this declaration.

The products may have very minor differences which do not impact the level of conformity. All products identified by the product designations in this declaration have the same level of conformity according to the certificate(s) provided.

The Trade Name / Trade Mark and/or Marketing Name(s) are the property of Dell Inc.
Any differences in the product designation are for marketing purposes only.

Date of Issue	April 13, 2021	Signature on behalf of Dell Inc.	Dell Inc. Dell Global Product Compliance and Environmental Affairs
Title	Dell Global Product Compliance and Environmental Affairs		

IV. Power Cords and User Documentation

Dell products are provided with the power cord and user documentation suitable for the intended country of delivery. Products that are relocated to other countries should use nationally certified power cords and plugs to ensure safe operation of the product. Contact Dell to determine if alternate power cords or user documentation in other languages is available for your market.

V. Trade (Import/Export) Compliance Data

For any questions related to importing & exporting classification of Dell products, please obtain information from the following link: http://www.dell.com/learn/us/en/uscorp1/import-export or send email request to WW_Export_Compliance@dell.com. Please include product identifiers such as marketing name, regulatory model, regulatory type and country that compliance information is needed in the email request.

VI. Product Dimensions and Weight

Depth, mm/cm	Width, mm/cm	Height, mm/cm	Weight, kg
226 mm	326 mm	Front: 18.05 mm Back: 20.95 mm	1.63Kg (depending upon installed options)

For Display products please refer to the user manual for weight and dimension information.

VII. Performance Data

ErP Lot 3, Lot 26 and ErP Lot 9 information is in Appendices A, B and C respectively.

For additional information on how Dell's commitment to energy efficiency benefits you go to: Reducing your Footprint

For additional information on ENERGY STAR models refer to the following database: ENERGY STAR Product Finder

Computer:

Service Level	Energy Consumption	BTU Calculation	Description of Service Level
CPU stressed	46.10	157.66	The system is running programs to maximize the CPU utilization and/or running programs to maximize the power consumption.
Short Idle	6.55	22.41	As specified EPA Energy Star Computer mode.
Long Idle	1.20	4.10	As specified EPA Energy Star Computer mode.
S3 "Sleep" or Modern Standby	1.20	4.10	Suspend-to-RAM (low-power/sleep mode)
Off/Standby	0.47	1.60	System is turned off but still connected to its AC power source.

Energy Consumption[1]

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[1] This document is informational only and reflects laboratory performance. Your product may perform differently, depending on the software, components and peripherals you ordered. Accordingly, the customer should not rely upon this information in making decisions about electrical tolerances or otherwise. No warranty as to accuracy or completeness is expressed or implied.
For more details visit https://www.dell.com/learn/us/en/uscorp1/dell-environment

Energy efficiency benefits the environment and lowers the total cost of equipment ownership by reducing power consumption. Click here for Dell's Energy efficient products.

*__Energy Consumption__ results are based solely upon the laboratory testing of the __System Configuration__ and in accordance to the described service level. Energy consumption is tested at 230 Volts / 50 Hz.

VIII. Product Materials Information

Information on Dell's material use is available here.
Dell's Restricted Material for Use guidance document is available at
www.dell.com/restrictedsubstanceslist.

- The case material is >PC+ABS<
- This product contains 12.4% post-consumer recycled plastic
 (*Measured as a percentage of total amount of plastic (by weight) in the product as per guidance in EPEAT standard as applies to plastics parts)

Mechanical plastic parts[2] > 25 g are BFR/PVC free	☒ __Yes__ ☐ __No__ ☐ __NA__
Marking of plastics parts greater than 25 grams is in accordance with ISO 11469 (see below)	☒ __Yes__ ☐ __No__ ☐ __NA__
Printed circuit boards (without components) >25g are BFR PVC free [3]	☒ __Yes__ ☐ __No__ ☐ __NA__
Insulation materials of external electrical cables are PVC free	☐ __Yes__ ☒ __No__ ☐ __NA__
Insulation materials of internal electrical cables are PVC free	☒ __Yes__ ☐ __No__ ☐ __NA__
Product is BFR/PVC Free (Accessories & Options may not be BFR/PVC-Free, refer to spec ENV0199)	☒ __Yes__ ☐ __No__

__Flame Retardants Used in Motherboard__

Part	Flame Retardant
Motherboard	__DOPO__

__Flame Retardants Used in Mechanical Plastic Parts > 25 grams__

Resin Material Name	Plastic Part Marking per ISO 11469:2016	Flame Retardant Marking per ISO 1043-4 (i.e. FR(16), FR(40), etc.)	Flame Retardant (i.e. TBBPA, triaryl phosphate ester, etc.)	List applicable R-Phrase(s) or Hazard Statement(s) per EU Directive 67/548/EEG or 1272/2008

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[2] Mechanical plastic part: plastic parts that do not internally carry an electrical signal such as housings, brackets, bezels, latches, etc. that form the basic structure of the product and/or have mechanical functions. Plastic parts such as fans, connectors, printer fuser assemblies, etc. are not considered "mechanical plastic parts" in the context of this specification. Plastics parts do not contain 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 (Per Dell Spec ENV0424)

[3] Dell will adopt the BFR/CFR/PVC-free definition as set forth in the "iNEMI Position Statement on the Definition of 'Low-Halogen' Electronics (BFR/CFR/PVC-Free)." Plastic parts contain <1000 ppm (0.1 percent) of bromine (if the Br source is from BFRs) and <1000 ppm (0.1 percent) of chlorine if the Cl source is from CFRs, PVC or PVC copolymers. All printed circuit board (PCB) and substrate laminates contain bromine/chlorine totaling less than 1,500 ppm (0.15 percent), with maximum chlorine of 900 ppm (0.09 percent) and maximum bromine of 900 ppm (0.09 percent)

GN5151RFA	>PC+ABS-TD15FR(40)<	FR(40)	BPADP	N/A
GN5001RFD	>PC+ABS-FR(40)<	FR(40)	BPADP	N/A
ER5151RFL	>PC+ABS-TD15FR(40)(REC30)<	FR(40)	BPADP	N/A
FR3021GR	>PC+ABS-TD15FR(40)(REC30)<	FR(40)	Halogen-free organic phosphorus compounds	N/A
FR3021	>PC+ABS-TD15FR(40)<	FR(40)	phosphate	N/A
MB1700	>PC+ABS-TD3FR(40)<	FR(40)	phosphate	N/A

Mercury Information

Number of bulbs	Average per bulb
If none, enter 0	0 mg

Additional information:
- Refer to Dell Technologies' Chemical Use Policy for more information on RoHS and REACH.
- Products MSDS (Material Safety Data Sheets):
  - Batteries: Battery MSDS Documentation and Declaration
  - Printer Toner and Ink: MSDS Documentation

IX. Packaging

Information on Dell's sustainable packaging effort available here. Additional materials restricted in Packaging as per Dell's Material Restricted for Use Standard document can be found at www.dell.com/restrictedsubstanceslist.

MinConfig

Packaging Materials	Total Weight, (g)	Sustainable Material Content[1] (e.g Recycled content *,bio-based, Sustainable Forested materials)	% Sustainable Material		
			APJ region	DAO region	EMEA region
Corrugated Fiberboard	365	Recycled Content	Min 35%	Min 35%	Min 35%
LDPE (Including EPE Foam)	1	Recycled Content	0-80%	0-80%	0%
Molded paper pulp	180	Recycled content	100%	100%	100%
HDPE (including thermoformed) *	10	Recycled Content	0-80%	0-80%	0%

Shuttle

Packaging Materials	Total Weight, (g)	Sustainable Material Content[1] (e.g Recycled content *,bio-based, Sustainable Forested materials)	% Sustainable Material		
			APJ region	DAO region	EMEA region
Corrugated Fiberboard	262	Recycled Content	Min 35%	Min 35%	Min 35%
LDPE (Including EPE Foam)	1	Recycled Content	0-80%	0-80%	0%
Molded paper pulp	180	Recycled content	100%	100%	100%
HDPE (including thermoformed) *	10	Recycled Content	0-80%	0-80%	0%

X. Batteries

Below is a listing of batteries that could be present in the product:

Battery Description – Batteries	Battery Type	Battery Weight (kg)	Rating
CR-2032 coin cell	Lithium Metal	0.0035	
Rechargeable Battery 3 cell	Lithium Ion	0.176	41Wh
Rechargeable Battery 4 cell	Lithium Ion	0.231	54Wh

XI. Design for Environment

Dell systems are, when applicable, designed for easy assembly, disassembly, and servicing. For more information on Dell's Environmental product attributes please visit https://www.dell.com/learn/is/en/iscorp1/dell-environment-greener-products

XII. France Reparability Index

On January 1, 2021, France introduced a new Repairability Index for five categories of electronic devices, including laptops. The aim of this new Repairability Index is to inform customers about available repair options for a product prior to purchase.

The Repairability Index is a score ranging from 0 to 10/10, calculated based on five criteria:

1. **Documentation:** A score determined by the manufacturer's commitment to make technical documents available free of charge, in number of years, to repairers and consumers.
2. Disassembly, tools, and fasteners: A score determined by how easy it is to disassemble the product, the type of tools needed, and the characteristics of the fasteners.
3. **Availability of spare parts:** A score determined by the length of time the manufacturer commits to makes spare parts available for the product and the time it takes to deliver them.
4. **Price of spare parts:** A score determined by the ratio of the sale price of spare parts to the price of the product.
5. **Product specific:** A score determined by sub-criteria specific to the product category concerned, which may include availability of remote support, software updates, and resets.

The Repairability Index for this product and the parameters used to calculate the Repairability Index, are provided in Appendix D.

XIII. Recycling / End-of-Life Service Information

Take back and recycling services are offered for this product in certain countries. If you want to dispose of system components, please visit www.dell.com/recyclingworldwide and select the relevant country.

XIV. Helpful Links

- **Environmental Policy**
  https://i.dell.com/sites/csdocuments/Corporate_corp-Comm_Documents/en/dell-global-environmental-policy.pdf
- **Social Impact - Progress Made Real**
  https://corporate.delltechnologies.com/en-id/social-impact.htm
- **Advancing Sustainability**
  https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability.htm
- **ISO 14001 Certification**
  http://i.dell.com/sites/content/corporate/corp-comm/en/Documents/dell-iso14001-worldwide.pdf
- **Materials Restricted for Use**
  www.dell.com/restrictedsubstanceslist
- **Chemical Use Policy**
  http://i.dell.com/sites/doccontent/corporate/environment/en/Documents/chemical-use-policy.pdf
- **Product Carbon Footprint**
  https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-products-and-services/product-carbon-footprints.htm
- **RoHS Compliance**
  https://support.dellproductcompliance.com/hc/en-us/articles/360036876153-Materials-Restricted-Material-Compliance
- **REACH Compliance**
  www.dell.com/REACH
- **Recycling Information**
  http://www.dell.com/recycling
- **Supplier Responsibility – Champion the Many People**
  https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/champion-the-many-people.htm

Appendix A: ErP Lot 3 Product Energy Consumption Information

European Union (EU) ErP Lot 3 (Commission Regulation (EC) No. 617/2013)
The ErP Lot 3 regulation includes requirements for certain product specific information to be provided by the manufacturer. This is applicable to Desktops, Integrated Desktops (All-in-One), Notebooks, Tablets, Slates, Notebook Thin Clients, Desktop Thin Clients, Workstations, Mobile Workstations, and Small-Scale Servers.

ErP Lot 3 provides certain exclusions based upon product type, screen size, and/or the amount of power consumed in idle mode. Product energy and acoustic information might be reported for products that are out of scope of ErP Lot 3 for informational purposes only.

Additional information on ErP Lot 3, Lot 7 & Lot 26 available here.

For P144G001,

Category	Category A	Category B
Processor Speed in GHz	2.8	2.8
Number of Cores	4	4
Total Installed System Memory in GB	32	32
Graphics	Integrated	G3(with FB Data Width <= 128-bit)
WOL enabled in "Sleep" Mode	Yes	Yes
WOL enabled in "Off" Mode	No	No
As Tested: Lowest Power State	0.36	0.47
As Tested: Poff(W) WOL Disabled	0.36	0.47
As Tested: Poff(W) WOL Enabled		
As Tested: Psleep(W) WOL Disabled	0.83	1.03
As Tested: Psleep(W) WOL Enabled	0.89	1.20
As Tested: Pidle(W)	2.31	2.48
Base TEC Limit (kWh)	27	36
TEC Adders Limit (kWh)	14.20	27.20
Base + Adders TEC Limit (kWh)	41.20	63.20
Results TEC	8.74	10.04

For P144G002,

Category	Category A
Processor Speed in GHz	1.2
Number of Cores	2
Total Installed System Memory in GB	32
Graphics	Integrated
WOL enabled in "Sleep" Mode	Yes
WOL enabled in "Off" Mode	No
As Tested: Lowest Power State	0.38
As Tested: Poff(W) WOL Disabled	0.38
As Tested: Poff(W) WOL Enabled	
As Tested: Psleep(W) WOL Disabled	0.62
As Tested: Psleep(W) WOL Enabled	0.92
As Tested: Pidle(W)	1.80
Base TEC Limit (kWh)	27
TEC Adders Limit (kWh)	14.20
Base + Adders TEC Limit (kWh)	41.20
Results TEC	7.53

Power Supply Model #	Internal or External	Link to efficiency report
LA65NS2-01	External	https://oee.nrcan.gc.ca/pml-lmp/index.cfm?action=app.formHandler&operation=details-details&ref=5485275&appliance=EPS&nr=1
HA65NM190	External	https://oee.nrcan.gc.ca/pml-lmp/index.cfm?action=app.formHandler&operation=details-details&ref=26886270&appliance=EPS&nr=1
HA65NS5-00	External	https://oee.nrcan.gc.ca/pml-lmp/index.cfm?action=app.formHandler&operation=details-details&ref=5470487&appliance=EPS&nr=1
HKA65NM200	External	https://oee.nrcan.gc.ca/pml-lmp/index.cfm?action=app.formHandler&operation=details-details&ref=35902432&appliance=EPS&nr=1
HKA65NM201	External	https://oee.nrcan.gc.ca/pml-lmp/index.cfm?action=app.formHandler&operation=details-details&ref=36174127&appliance=EPS&nr=1
DA65NM190	External	https://oee.nrcan.gc.ca/pml-lmp/index.cfm?action=app.formHandler&operation=details-details&ref=24854598&appliance=EPS&nr=1
DA65NM191	External	https://oee.nrcan.gc.ca/pml-lmp/index.cfm?action=app.formHandler&operation=details-details&ref=34247978&appliance=EPS&nr=1
LA65NM190	External	https://oee.nrcan.gc.ca/pml-lmp/index.cfm?action=app.formHandler&operation=details-details&ref=25946862&appliance=EPS&nr=1

* **Energy Consumption** results are based solely upon the laboratory testing of the **System Configuration** listed above. Energy consumption is tested at 230 Volts / 50 Hz.

Energy Consumption[4]

Energy efficiency benefits the environment and lowers the total cost of equipment ownership by reducing power consumption. Click here for Dell's Energy efficient products

For P144G001,

Computers Category A:

Service Level	Sound Power Declared mean A-weighted level	Statistical adder for verification	Sound Pressure Declared mean A-weighted emission level
	$L_{WA,m}$ (B)	K_V (B)	$L_{pA,m}$ (dB)
HDD Accessing	2.6	0.4	23.4
ODD Accessing	n/a	n/a	n/a
Idle	2.2	0.4	13.2

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[4] This document is informational only and reflects laboratory performance. Your product may perform differently, depending on the software, components and peripherals you ordered. Accordingly, the customer should not rely upon this information in making decisions about electrical tolerances or otherwise. No warranty as to accuracy or completeness is expressed or implied.

Computers Category B:

Service Level	Sound Power Declared mean A-weighted level	Statistical adder for verification	Sound Pressure Declared mean A-weighted emission level
	$L_{WA,m}$ (B)	K_V (B)	$L_{pA,m}$ (dB)
HDD Accessing	2.9	0.4	26.4
ODD Accessing	n/a	n/a	n/a
Idle	2.2	0.4	22.0

For P144G002,

Computers Category A:

Service Level	Sound Power Declared mean A-weighted level	Statistical adder for verification	Sound Pressure Declared mean A-weighted emission level
	$L_{WA,m}$ (B)	K_V (B)	$L_{pA,m}$ (dB)
HDD Accessing	2.4	0.4	16.7
ODD Accessing	n/a	n/a	n/a
Idle	2.2	0.4	13.2

Appendix B: ErP Lot 26 Network Standby Energy Consumption Information

European Union (EU) ErP Lot 26 (Commission Regulation (EC) No 801/2013)
The ErP Lot 26 regulation includes Network Standby power requirements to be provided by the manufacturer. This is applicable to multiple product categories. If no information is reported, it's assumed it is out of scope of ErP Lot 26.

For P144G001,

Network Standby Classification	LoNA
Off/Standby - Watts	0.47
Network Standby - Watts	1.2
Number of Network Ports	2
Location of 'Physical' Network Ports	Side
Network Port Type	CNVI / PCIE
Network Port(s) Activated or Deactivated	Network Port(s) "Activated"
Network Port Maximum Performance in GB/s	Wireless: 0.3 / LAN RJ45: 1
Communication protocol used by equipment	Wireless : IEEE 802.11 ax / Ethernet : IEEE 802.3
Description of how to assert Network Standby Mode	Information available @ www.dell.com/regulatory_compliance and/or www.dell.com/support
Sequence of events to trigger automatic assertion of Network Standby Mode	
Notes regarding operation of the equipment EX: how the user switches the equipment into network standby	
Default time for PM function to switch equipment into this mode	
Inactivity time required to enter Network Standby	
Re-activation trigger	
Measurement Method	

For P144G002,

Network Standby Classification	LoNA
Off/Standby - Watts	0.38
Network Standby - Watts	0.92
Number of Network Ports	2
Location of 'Physical' Network Ports	Side
Network Port Type	PCIE WLAN/LAN
Network Port(s) Activated or Deactivated	Network Port(s) "Activated"
Network Port Maximum Performance in GB/s	1
Communication protocol used by equipment	Ethernet - TCPIP
Description of how to assert Network Standby Mode	Information available @ www.dell.com/regulatory_compliance and/or www.dell.com/support
Sequence of events to trigger automatic assertion of Network Standby Mode	
Notes regarding operation of the equipment EX: how the user switches the equipment into network standby	
Default time for PM function to switch equipment into this mode	
Inactivity time required to enter Network Standby	
Re-activation trigger	
Measurement Method	

Appendix D: France Reparability Index

CALCUL DE L'INDICE DE RÉPARABILITÉ ET PRÉSENTATION DES PARAMÈTRES AYANT PERMIS DE L'ÉTABLIR	*Ordinateur portable*

FICHE D'INFORMATION À TRANSMETTRE AUX DEMANDEURS
(cf. Article L. 541-9-2 du Code de l'environnement)

Nom ou marque commerciale du producteur ou de l'importateur	Dell
Adresse du producteur ou de l'importateur	1 Dell Way, Round Rock, TX 78682, United States
Référence du modèle donnée par le producteur ou l'importateur	P144G
Date du calcul	05 July 2021

Critère	Sous-critère	Note du sous-critère sur 10	Coefficient du sous critère	Note du critère sur 20	Total des notes des critères sur 100
CRITÈRE 1 : DOCUMENTATION	1.1 Durée de disponibilité de la documentation technique et relative aux conseils d'utilisation et d'entretien	8.5	2	16.9	
CRITÈRE 2 : DÉMONTABILITÉ, ACCÈS, OUTILS, FIXATIONS	2.1 Facilité de démontage des pièces de la liste 2*	9.3	1	19.3	
	2.2 Outils nécessaires (liste 2)	10.0	0.5		
	2.3 Caractéristiques des fixations entre les pièces de la liste 1** et de la liste 2	10.0	0.5		
CRITÈRE 3 : DISPONIBILITÉ DES PIÈCES DÉTACHÉES	3.1 Durée de disponibilité des pièces de la liste 2	7.1	1	12.4	86.6
	3.2 Durée de disponibilité des pièces de la liste 1	7.1	0.5		
	3.3 Délais de livraison des pièces de la liste 2	3.3	0.3		
	3.4 Délais de livraison des pièces de la liste 1	3.3	0.2		
CRITÈRE 4 : PRIX DES PIÈCES DÉTACHÉES	4. Rapport prix des pièces de la liste 2 sur prix de l'équipement neuf	9.0	2	18.0	
CRITÈRE 5 : CRITÈRE SPÉCIFIQUE	5.1 Informations sur la nature des mises à jour	10.0	1	20.0	
	5.2 Assistance à distance sans frais	10.0	0.5		
	5.3 Possibilité de réinitialisation logicielle	10.0	0.5		
Note de l'indice sur 10					**8.7**

*liste 2 : liste des 3 à 5 pièces détachées au maximum (selon la catégorie d'équipements concernée) dont la casse ou les pannes sont les plus fréquentes ;
**liste 1 : liste de 10 autres pièces détachées au maximum (selon la catégorie d'équipements concernée) dont le bon état est nécessaire au fonctionnement de l'équipement.