

Specifications of Latitude 5320

NOTE: Offerings may vary by region. The following specifications are only those required by law to ship with your computer. For more information about the configuration of your computer, go to **Help and Support** in your Windows operating system and select the option to view information about your computer.

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Dimensions and weight

The following table lists the height, width, depth, and weight of your Latitude 5320.

Table 3. Dimensions and weight

Description	Values
Height:	16.96 mm (0.67 in.)
Width	305.70 mm (12.04 in.)
Depth	207.50 mm (8.17 in.)
Weight (minimum)	Laptop - 1.18 kg (2.61 lb) 2-in-1 - 1.32 kg (2.90 lb)




Table 3. Dimensions and weight (continued)

Description	Values
	 NOTE: The weight of your system depends on the configuration ordered and the manufacturing variability.

Processor

The following table lists the details of the processors supported by your Latitude 5320.

Table 4. Processor

Description	Option one	Option two	Option three	Option four
Processor type	11th Generation Intel Core i3-1125G4	11th Generation Intel Core i5-1135G7	11th Generation Intel Core i5-1145G7	11th Generation Intel Core i7-1185G7
Processor wattage	17.50 W	17.50 W	17.50 W	17.50 W
Processor core count	4	4	4	4
Processor thread count	8	8	8	8
Processor speed	2.00 GHz to 3.70 GHz	2.40 GHz to 4.20 GHz	2.60 GHz to 4.40 GHz	3.00 GHz to 4.80 GHz
Processor cache	8 MB	8 MB	8 MB	12 MB
Integrated graphics	Intel UHD Graphics	Intel Iris X ^e Graphics	Intel Iris X ^e Graphics	Intel Iris X ^e Graphics
 NOTE: i5 and i7 will have Intel UHD graphics if the system is configured with a single-channel memory configuration.				
 NOTE: Intel UHD Graphics with single-channel memory configuration				
 NOTE: Intel Iris X ^e graphics with dual-channel memory configuration				

Chipset

The following table lists the details of the chipset supported by your Latitude 5320.

Table 5. Chipset

Description	Values
Chipset	Intel PCH-LP
Processor	11th Generation Intel Core i3/i5/i7
DRAM bus width	64-bit
Flash EPROM	32 MB
PCIe bus	Up to Gen3

Operating system

Your Latitude 5320 supports the following operating systems:

- Windows 11 Home, 64-bit
- Windows 11 Home National Academic, 64-bit
- Windows 11 Pro, 64-bit
- Windows 11 Pro National Academic, 64-bit
- Windows 10 Home, 64-bit
- Windows 10 Pro, 64-bit
- Windows 10 Pro Education, 64-bit
- Windows 10 Enterprise, 64-bit
- Ubuntu 20.04 LTS, 64-bit

Memory

The following table lists the memory specifications of your Latitude 5320.

Table 6. Memory specifications

Description	Values
Memory slots	Onboard memory
Memory type	DDR4
Memory speed	3200 MHz
Maximum memory configuration	32 GB
Minimum memory configuration	4 GB
Memory size per slot	4 GB, 8 GB, 16 GB, 32 GB
Memory configurations supported	<ul style="list-style-type: none"> • 4 GB, DDR4, 3200 MHz, single-channel, integrated • 8 GB, DDR4, 3200 MHz, dual-channel, integrated • 16 GB, DDR4, 3200 MHz, dual-channel, integrated • 32 GB, DDR4, 3200 MHz, dual-channel, integrated

Intel Optane memory

Intel Optane memory functions only as a storage accelerator. It neither replaces nor adds to the memory (RAM) installed on your computer.

i **NOTE:** Intel Optane memory is supported on computers that meet the following requirements:

- 11th Generation or higher Intel Core i3/i5/i7 processor
- Windows 10 64-bit version or higher (Anniversary Update)
- Latest version of Intel Rapid Storage Technology driver

Table 7. Intel Optane memory

Description	Values
Type	M.2 2280, PCIe NVMe, Intel Optane memory H20
Interface	Gen 3 PCIe x4 NVMe
Connector	M.2 2280
Configurations supported	32 GB + 512 GB
Capacity	32 GB + 512 GB

External ports

The following table lists the external ports on your Latitude 5320.

Table 8. External ports

Description	Values
USB ports	<ul style="list-style-type: none">One USB 3.2 Gen 1 portOne USB 3.2 Gen 1 port with PowerShareTwo Thunderbolt 4 ports with DisplayPort Alt Mode/USB4/Power Delivery
Audio port	One Universal Audio Jack
Video port/ports	<ul style="list-style-type: none">One HDMI 2.0 portTwo DisplayPorts over Type-C
Media-card reader	One microSD-card slot
Docking port	Supported through Type-C
Power-adapter port	USB-C power-adapter port
Security-cable slot	One wedge-shaped lock slot

Internal slots

The following table lists the internal slots of your Latitude 5320.

Table 9. Internal slots

Description	Values
M.2	<ul style="list-style-type: none">M.2 2230 slot for Wi-Fi and Bluetooth combo cardOne M.2 2230 slot for solid-state driveOne M.2 2280 slot for solid-state drive/Intel OptaneOne M.2 3042 slot for WWAN card <p>NOTE: To learn more about the features of different types of M.2 cards, see the knowledge base article 000144170 at www.dell.com/support.</p>

Communications

Wireless module

Table 10. Wireless module specifications

Description	Values		
Model number	Intel Wi-Fi 6 AX201	Intel AX210	Qualcomm QCA61x4A
Transfer rate	Up to 2.40 Gbps	Up to 2.40 Gbps	Up to 867 Mbps
Frequency bands supported	2.4 GHz/5 GHz	2.4 GHz/5 GHz/6 GHz	2.4 GHz/5 GHz


Table 10. Wireless module specifications (continued)

Description	Values		
Wireless standards	<ul style="list-style-type: none"> • Wi-Fi 802.11a/b/g • Wi-Fi 4 (Wi-Fi 802.11n) • Wi-Fi 5 (Wi-Fi 802.11ac) • Wi-Fi 6 (Wi-Fi 802.11ax) 	<ul style="list-style-type: none"> • Wi-Fi 802.11a/b/g • Wi-Fi 4 (Wi-Fi 802.11n) • Wi-Fi 5 (Wi-Fi 802.11ac) • Wi-Fi 6 (Wi-Fi 802.11ax) 	<ul style="list-style-type: none"> • Wi-Fi 802.11a/b/g • Wi-Fi 4 (Wi-Fi 802.11n) • Wi-Fi 5 (Wi-Fi 802.11ac)
Encryption	<ul style="list-style-type: none"> • 64-bit/128-bit WEP • AES-CCMP • TKIP 	<ul style="list-style-type: none"> • 64-bit/128-bit WEP • AES-CCMP • TKIP 	<ul style="list-style-type: none"> • 64-bit/128-bit WEP • AES-CCMP • TKIP
Bluetooth	Bluetooth 5.1	Bluetooth 5.2	Bluetooth 5.0

WWAN module

The following table lists the Wireless Wide Area Network (WWAN) module supported on your Latitude 5320.

Table 11. WWAN module specifications

Description	Values
Model number	Intel XMM 7360 Global LTE-Advanced (DW5820e) CAT9
Form factor	M.2 3042 form factor
Transfer rate	Up to 450 Mbps DL/50 Mbps UL (Cat 9)
Frequency bands supported	(1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 17, 18, 19, 20, 21, 26, 28, 29, 30, 38, 39, 40, 41, 66), HSPA+ (1, 2, 4, 5, 8)
Power supply	DC 3.135 V to 4.4 V, typical 3.3 V
Temperature	<ul style="list-style-type: none"> • Normal operating temperature: -10°C to + 55°C • Extended operating temperature: -20°C to +65°C
Antenna connector	<ul style="list-style-type: none"> • WWAN Main Antenna x 1 • WWAN Diversity Antenna x 1
Wake on Wireless	Supported
Network standards	LTE FDD/TDD, WCDMA/HSPA+, GNSS/ Beidou
 NOTE: For instructions on how to find your computer's IMEI (International Mobile Station Equipment Identity) number, see the knowledge base article 000143678 at www.dell.com/support .	

Audio

The following table lists the audio specifications of your Latitude 5320.

Table 12. Audio specifications

Description	Values
Audio controller	Realtek ALC3254
Stereo conversion	Supported
Internal audio interface	High-definition audio

Table 12. Audio specifications (continued)

Description		Values
External audio interface		Universal Audio Jack
Number of speakers		Two
Internal-speaker amplifier		Supported (audio codec integrated)
External volume controls		Keyboard shortcut controls
Speaker output:		
	Average speaker output	2 W
	Peak speaker output	2.5 W
Subwoofer output		Not supported
Microphone		Digital-array microphones

Storage

This section lists the storage options on your Latitude 5320.

Your computer supports one of the following configurations:

- M.2 2230, PCIe x4 NVMe, Class 35 SSD
- M.2 2280, PCIe x4 NVMe, Class 40 SSD
- M.2 2230, PCIe x4 NVMe, Class 35 SED
- M.2 2280, PCIe x4 NVMe, Class 40 SED

The primary drive of your computer varies with the storage configuration. For systems with a M.2 drive, the M.2 drive is the primary drive.

Table 13. Storage specifications

Storage type	Interface type	Capacity
M.2 2230, PCIe x4 NVMe, Class 35 SSD	Gen 3 PCIe x4 NVMe	128 GB, 256 GB, 512 GB
M.2 2280, PCIe x4 NVMe, Class 40 SSD	Gen 3 PCIe x4 NVMe	256 GB, 512 GB, 1 TB
M.2 2280, PCIe x4 NVMe, Class 40 SSD	Gen 4 PCIe x4 NVMe	2 TB
M.2 2230, PCIe x4 NVMe, Class 35 SED	Gen 3 PCIe x4 NVMe	256 GB

Intel Optane Memory H20 with Solid State Storage (optional)

Intel Optane Memory technology utilizes 3D XPoint memory technology and functions as a non-volatile storage cache/accelerator and/or storage device depending on the Intel Optane Memory installed in your computer.

Intel Optane Memory H20 with Solid State Storage functions as both a non-volatile storage cache/accelerator (enabling enhanced read/write speeds for hard-drive storage) and a solid-state storage solution. It neither replaces nor adds to the memory (RAM) installed on your computer.

Table 14. Intel Optane Memory H20 with Solid State Storage specifications

Description	Values
Interface	PCIe 3 x4 NVMe <ul style="list-style-type: none"> One PCIe 3 x2 for Optane memory One PCIe 3 x2 for solid-state storage
Connector	M.2
Form factor	2280
Capacity (Intel Optane memory)	Up to 32 GB
Capacity (solid-state storage)	Up to 512 GB

NOTE: Intel Optane Memory H20 with Solid State Storage is supported on computers that meet the following requirements:

- 11th Generation or higher Intel Core i3/i5/i7 processors
- Windows 10 64-bit version or higher (Anniversary Update)
- Intel Rapid Storage Technology driver version 18.1.0.1027 or higher

Media-card reader

The following table lists the media cards supported by your Latitude 5320.

Table 15. Media-card reader specifications

Description	Values
Media-card type	One microSD-card slot
Media-cards supported	<ul style="list-style-type: none"> micro-Secure Digital (mSD) micro-Secure Digital High Capacity (mSDHC) micro-Secure Digital Extended Capacity (mSDXC)

NOTE: The maximum capacity supported by the media-card reader varies depending on the standard of the media card installed in your computer.

Keyboard

The following table lists the keyboard specifications of your Latitude 5320.

Table 16. Keyboard specifications

Description	Values
Keyboard type	<ul style="list-style-type: none"> Standard non-backlit keyboard Standard backlit keyboard
Keyboard layout	QWERTY
Number of keys	<ul style="list-style-type: none"> United States and Canada: 79 keys United Kingdom: 80 keys Japan: 83 keys
Keyboard size	X=18.05 mm key pitch Y=18.05 mm key pitch

Table 16. Keyboard specifications (continued)

Description	Values
Keyboard shortcuts	<p>Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key.</p> <p>NOTE: You can define the primary behavior of the function keys (F1–F12) changing Function Key Behavior in BIOS setup program.</p> <p>Keyboard shortcuts</p>

Camera

The following table lists the camera specifications of your Latitude 5320.

Table 17. Camera specifications

Description	Values		
Number of cameras	One	One	One
Type	HD RGB camera	HD RGB + Ir camera	FHD RGB + Ir camera
Location	Front camera	Front camera	Front camera
Sensor type	CMOS sensor technology	CMOS sensor technology	CMOS sensor technology
Resolution			
Camera			
Still image	0.92 megapixel	0.92 megapixels	2.07 megapixels
Video	1280 x 720 (HD) at 30 fps	1280 x 720 (HD) at 30 fps	1920 x 1080 (FHD) at 30 fps
Infrared camera			
Still image	NA	0.23	0.23
Video	NA	640 x 360	640 x 360
Diagonal viewing angle			
Camera	78.6 degrees	87 degrees	87.6 degrees
Infrared camera	NA	87 degrees	87.6 degrees

Clickpad

The following table lists the clickpad specifications of your Latitude 5320.

Table 18. Clickpad specifications

Description	Values
Resolution:	>=300 dpi
Dimensions:	


Table 18. Clickpad specifications (continued)

Description		Values
	Horizontal	115 mm (4.53 in.)
	Vertical	67 mm (2.64 in.)

Power adapter

The following table lists the power adapter specifications of your Latitude 5320.

Table 19. Power adapter specifications

Description	Option 1	Option 2	Option 3	Option 4
Type	45 W AC adapter, USB-C	65 W AC adapter, USB-C	90 W AC adapter, USB-C	60 W AC adapter USB-C
Input voltage	100 VAC-240 VAC	100 VAC-240 VAC	100 VAC-240 VAC	100 VAC x 240 VAC
Input frequency	50 Hz-60 Hz	50 Hz-60 Hz	50 Hz-60 Hz	50 Hz x 60 Hz
Input current (maximum)	1.3 A	1.7 A	1.5 A	1.7 A
Output current (continuous)	<ul style="list-style-type: none"> • 20 V/2.25 A (Continuous) • 15 V/3 A (Continuous) • 9 V/3 A (Continuous) • 5 V/3 A (Continuous) 	<ul style="list-style-type: none"> • 20 V/3.25 A (Continuous) • 15 V/3 A (Continuous) • 9 V/3 A (Continuous) • 5 V/3 A (Continuous) 	<ul style="list-style-type: none"> • 20 V/4.50 A (Continuous) • 15 V/3 A (Continuous) • 9 V/3 A (Continuous) • 5 V/3 A (Continuous) 	<ul style="list-style-type: none"> • 20 V/3 A (Continuous) • 15 V/3 A (Continuous) • 9 V/3 A (Continuous) • 5 V/3 A (Continuous)
Rated output voltage	20 VDC/15 VDC/9 VDC/5 VDC	20 VDC/15 VDC/9 VDC/5 VDC	20 VDC/15 VDC/9 VDC/5 VDC	20 VDC/15 VDC/9 VDC/5 VDC
Temperature range:				
Operating	0 °C (32 °F) to 40 °C (104 °F)	0 °C (32 °F) to 40 °C (104 °F)	0 °C (32 °F) to 40 °C (104 °F)	0°C (32°F) to 40 °C (104°F)
Storage	-40 °C (-40 °F) to 70 °C (158 °F)	-40 °C (-40 °F) to 70 °C (158 °F)	-40 °C (-40 °F) to 70 °C (158 °F)	- 40° C to 70°C (158°F)
 CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.				

Battery

The following table lists the battery specifications of your Latitude 5320.

Table 20. Battery specifications

Description	Option 1	Option 2
Type	3-cell 42 WHr Polymer	4-cell 63 WHr Polymer
Voltage	11.40 VDC	15.20 VDC

Table 20. Battery specifications (continued)

Description		Option 1	Option 2
Weight (maximum)		0.21 kg (0.46 lb)	0.26 kg (0.58 lb)
Dimensions:			
	Height	92.80 mm (3.65 in.)	92.80 mm (3.65 in.)
	Width	238 mm (9.37 in.)	238 mm (9.37 in.)
	Depth	5.70 mm (0.22 in.)	5.70 mm (0.22 in.)
Temperature range:			
	Operating	Minimum operating temperature: Charge/ Discharge : 0°C (32°F) Maximum operating temperature: <ul style="list-style-type: none"> • Charge: 45°C/ 113°F • Discharge: 70°C/ 158°F 	Minimum operating temperature: Charge/ Discharge : 0°C (32°F) Maximum operating temperature: <ul style="list-style-type: none"> • Charge: 45°C/ 113°F • Discharge: 70°C/ 158°F
	Storage	Minimum storage temperature: -20°C (-4°F) Maximum storage temperature: 65°C (149°F)	Minimum storage temperature: -20°C (-4°F) Maximum storage temperature: 65°C (149°F)
Operating time		Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Charging time (approximate)		<ul style="list-style-type: none"> • ExpressCharge Boost (0% up to 35%) : 20 minutes • Express charge : 2 hours • Standard charge : 3 hours <p>i NOTE: Control the charging time, duration, start and end time, and so on, using the Dell Power Manager application. For more information about the Dell Power Manager see, <i>Me and My Dell</i> on www.dell.com/</p>	<ul style="list-style-type: none"> • ExpressCharge Boost (0% up to 35%) : 20 minutes • Express charge : 2 hours • Standard charge : 3 hours <p>i NOTE: Control the charging time, duration, start and end time, and so on, using the Dell Power Manager application. For more information about the Dell Power Manager see, <i>Me and My Dell</i> on www.dell.com/</p>
Life span (approximate)		<ul style="list-style-type: none"> • 1 year for Standard battery • 3 years for LcL battery 	<ul style="list-style-type: none"> • 1 year for Standard battery • 3 years for LcL battery
Coin-cell battery		No	No
ExpressCharge		Supported	Supported
User replaceable		No	No
Operating time		Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
		<p>⚠ CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.</p>	

Display

The following table lists the display specifications of your Latitude 5320 and Latitude 5320 2-in-1.

Latitude 5320

Table 21. Display specifications

Description		Option 1	Option 2	Option 3	Option 4
Type		13.3-inch Full High Definition (FHD)	13.3-inch Full High Definition (FHD)	13.3-inch Full High Definition (FHD) (Privacy/Touch)	13.3-inch Full High Definition (FHD) (Touch)
Panel technology		Wide Viewing Angle (WVA), Super Low Power (SLP)	Wide Viewing Angle (WVA), Super Low Power (SLP), Low Blue Light (LBL)	Wide Viewing Angle (WVA), Super Low Power (SLP)	Wide Viewing Angle (WVA), Super Low Power (SLP)
Luminance (typical)		250 nits	400 nits	300 nits	300 nits
Dimensions (Active Area):					
	Height	165.24 mm (6.51 in.)	165.24 mm (6.51 in.)	165.24 mm (6.51 in.)	165.24 mm (6.51 in.)
	Width	293.76 mm (11.57 in.)	293.76 mm (11.57 in.)	293.76 mm (11.57 in.)	293.76 mm (11.57 in.)
	Diagonal	337.08 mm (13.27 in.)	337.08 mm (13.27 in.)	337.08 mm (13.27 in.)	337.08 mm (13.27 in.)
Native Resolution		1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Megapixels		2.07	2.07	2.07	2.07
Color gamut		45% NTSC	100% sRGB typical	100% sRGB typical	72% NTSC
Pixels per Inch (PPI)		166	166	166	166
Contrast Ratio (min)		600:1	1000:1	600:1	600:1
Response Time (max)		35 ms	35 ms	35 ms	35 ms
Refresh Rate		60 Hz	60 Hz	60 Hz	60 Hz
Horizontal View Angle		80	80	<ul style="list-style-type: none"> Sharing Mode: 80/80 degrees Privacy Mode (brightness < 40%) : 30/30 (max) degrees 	80
Vertical View Angle		80	80	<ul style="list-style-type: none"> Sharing Mode: 80/80 degrees Privacy Mode (brightness < 40%) : 30/30 (max) degrees 	80
Pixel Pitch		0.153 x 0.153 mm	0.153 x 0.153 mm	0.153 x 0.153 mm	0.153 x 0.153 mm

Table 21. Display specifications (continued)

Description				
Power Consumption (maximum)	3.50 W @ Mosaic	2.52 W @ Mosaic	<ul style="list-style-type: none"> Sharing mode : 3.35 W Privacy mode : 3.45 W 	4.8 W
Anti-glare vs glossy finish	Anti-glare	Anti-glare	Anti-glare	Anti-glare
Touch options	No	No	Yes	Yes
Adaptive sync	No	No	No	No
Stylus support	Not supported	Not supported	Not supported	Not supported

Latitude 5320 2-in-1

Table 22. Display specifications

Description		
Type	Full High Definition (FHD)	
Panel technology	Wide Viewing Angle (WVA), Super Low Power (SLP)	
Luminance (typical)	300 nits	
Dimensions (Active Area):		
	Height	165.24 mm (6.51 in.)
	Width	293.76 mm (11.57 in.)
	Diagonal	337.08 mm (13.27 in.)
Native Resolution	1920 x 1080	
Megapixels	2.07	
Color gamut	72% NTSC	
Pixels per Inch (PPI)	166	
Contrast Ratio (min)	800:1 typ, 600:1 min	
Response Time (max)	35 ms	
Refresh Rate	60 Hz	
Horizontal View Angle	80 min degrees	
Vertical View Angle	80 min degrees	
Pixel Pitch	0.153 x 0.153	
Power Consumption (maximum)	4.2 W	
Anti-glare vs glossy finish	Anti-glare	
Touch options	Yes	
Adaptive sync	No	
Stylus support	Supported	

Sensor and control

The following table lists the sensor and control list for your Latitude 5320.

Table 23. Sensor and control

Sensor support	
Sensor	Ambient Light Sensor
	Windows Adaptive Color
	Accelerometer (G sensor): Laptop: <ul style="list-style-type: none"> • One on the system board. • One on the system board and another on the hinge-up (for configuration that supports Express Sign-in feature with proximity sensor). 2-in-1: <ul style="list-style-type: none"> • One on the system board and another on the hinge-up.

Fingerprint reader (optional)

The following table lists the specifications of the optional fingerprint-reader.

Table 24. Fingerprint reader specifications

Description	Values
Sensor technology	Capacitive
Sensor resolution	500 dpi
Sensor area	
Sensor pixel size	108 x 88

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Latitude 5320.

Table 25. GPU—Integrated

Controller	External display support	Memory size	Processor
Intel UHD 630 Graphics	HDMI 2.0, DP over USB Type-C	Shared system memory	11th Generation Intel Core i3
<p>NOTE: Intel UHD Graphics with Intel Core i3 processors.</p> <p>NOTE: Intel UHD Graphics with Intel Core i5/i7 processors and single-channel memory configuration.</p> <p>NOTE: Intel Iris Xe Graphics with Intel Core i5/i7 processors and dual-channel memory configuration.</p>			

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Latitude 5320.

Table 26. GPU—Discrete

Controller	External display support	Memory size	Memory type
e.g. AMD RX580	TBD	--- GB	DDR5

Security

Table 27. Hardware Security


Hardware security options
Trusted Platform Module (TPM) 2.0 discrete
FIPS 140-2 certification for TPM
Trusted Computing Group (TCG) Certification for TPM
Fingerprint reader in power button tied to ControlVault 3
ControlVault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification
Contacted Smart Card and ControlVault 3
Contactless Smart Card, NFC, and ControlVault 3
SED SSD NVMe, SSD, and hard drive (Opal and non-Opal) per SDL
FIPS 201 Full Scan FPR and ControlVault 3

Operating and storage environment

This table lists the operating and storage specifications of your Latitude 5320.

Airborne contaminant level: G1 as defined by ISA-S71.04-1985

Table 28. Computer environment

Description	Operating	Storage
Temperature range	0°C to 35°C (32°F to 95°F)	-40°C to 65°C (-40°F to 149°F)
Relative humidity (maximum)	10% to 90% (noncondensing)	5% to 95% (noncondensing)
Vibration (maximum)*	0.66	NA
Shock (maximum)	140	NA
Altitude (maximum)	3048	10668
 CAUTION: Operating and storage temperature ranges may differ among components, so operating or storing the device outside these ranges may impact the performance of specific components.		

* Measured using a random vibration spectrum that simulates user environment.

† Measured using a 2 ms half-sine pulse when the hard drive is in use.