

Specifications of Inspiron 7706 2-in-1

Dimensions and weight

The following table lists the height, width, depth, and weight of your Inspiron 7706 2-in-1.

Table 2. Dimensions and weight

Description	Values
Height:	
Front height	15.26 mm (0.60 in.)
Rear height	19.30 mm (0.76 in.)
Width	379.80 mm (14.95 in.)
Depth	266.40 mm (10.49 in.)
Weight (maximum)	2.43 kg (5.36 lb) <i>i</i> NOTE: The weight of your computer depends on the configuration ordered and manufacturing variability.

Processor

The following table lists the details of the processors supported by your Inspiron 7706 2-in-1.

Table 3. Processor

Description	Option one	Option two
Processor type	11 th Generation Intel Core i5-1135G7	11 th Generation Intel Core i7-1165G7
Processor wattage	28 W	28 W
Processor core count	4	4
Processor thread count	8	8
Processor speed	Up to 4.2 GHz	Up to 4.7 GHz
Processor cache	8 MB	12 MB
Integrated graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics

Chipset

The following table lists the details of the chipset supported by your Inspiron 7706 2-in-1.

Table 4. Chipset

Description	Values
Chipset	Integrated in the processor
Processor	11 th Generation Intel Core i5/i7
DRAM bus width	64-bit
Flash EPROM	32 MB
PCIe bus	Up to Gen3

Operating system

Your Inspiron 7706 2-in-1 supports the following operating systems:

- Windows 11 Home, 64-bit
- Windows 11 Pro, 64-bit
- Windows 11 Pro National Academic, 64-bit
- Windows 10 Home, 64-bit
- Windows 10 Pro, 64-bit

Memory

The following table lists the memory specifications of your Inspiron 7706 2-in-1.

Table 5. Memory specifications

Description	Values
Memory slots	Two SoDIMM slots
Memory type	Dual-channel DDR4
Memory speed	3200 MHz
Maximum memory configuration	16 GB
Minimum memory configuration	4 GB
Memory size per slot	4 GB, 8 GB, 16 GB
Memory configurations supported	<ul style="list-style-type: none">• 4 GB, 1 x 4 GB, DDR4, 3200 MHz• 8 GB, 2 x 4 GB, DDR4, 3200 MHz, dual-channel• 8 GB, 1 x 8 GB, DDR4, 3200 MHz• 12 GB, 1 x 4 GB + 1 x 8 GB, DDR4, 3200 MHz, dual-channel• 16 GB, 1 x 16 GB, DDR4, 3200 MHz• 16 GB, 2 x 8 GB, DDR4, 3200 MHz, dual-channel

External ports

The following table lists the external ports on your Inspiron 7706 2-in-1.

Table 6. External ports

Description	Values
USB ports	<ul style="list-style-type: none">Two USB 3.2 Gen 1 portsOne Thunderbolt 4 Type-C port with Power Delivery
Audio port	One headset (headphone and microphone combo) port
Video port	One HDMI 1.4 port
Media-card reader	One SD-card slot
Docking port	N/A
Power-adaptor port	One 4.5 mm barrel
Security	N/A

Internal slots

The following table lists the internal slots of your Inspiron 7706 2-in-1.

Table 7. Internal slots

Description	Values
M.2	<ul style="list-style-type: none">One M.2 2230 slot for WiFi and Bluetooth combo cardOne M.2 2230/2280 slot for solid-state drive/Intel Optane memory <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>

Wireless module

The following table lists the Wireless Local Area Network (WLAN) module supported on your Inspiron 7706 2-in-1.

Table 8. Wireless module specifications

Description	Values
Model number	Intel AX201
Transfer rate	Up to 2400 Mbps
Frequency bands supported	2.4 GHz/5 GHz
Wireless standards	<ul style="list-style-type: none">Up to Wi-Fi 6 (WiFi 802.11ax)
Encryption	<ul style="list-style-type: none">64-bit/128-bit WEPAES-CCMPTKIP

Table 8. Wireless module specifications (continued)

Description	Values
Bluetooth	Bluetooth 5.1

Audio

The following table lists the audio specifications of your Inspiron 7706 2-in-1.

Table 9. Audio specifications

Description	Values	
Audio controller	Realtek ALC3204	
Stereo conversion	Supported	
Internal audio interface	High-definition audio interface	
External audio interface	Universal Audio Jack	
Number of speakers	2	
Internal-speaker amplifier	Supported	
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 in camera assembly	

Storage

This section lists the storage options on your Inspiron 7706 2-in-1.

Your Inspiron 7706 2-in-1 supports one of the following storage configurations:

- One M.2 2230/2280 solid-state drive
- One M.2 2280 Intel Optane Memory H10

The primary drive of your Inspiron 7706 2-in-1 varies with the storage configuration. For computers:

- With the M.2 2230/2280 solid-state drive, the solid-state is the primary drive
- With the M.2 2280 Intel Optane Memory H10, the Intel Optane Memory H10 is the primary drive

Table 10. Storage specifications

Storage type	Interface type	Capacity
One M.2 2230 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 512 GB
One M.2 2280 solid-state drive	PCIe Gen3 x4 NVMe, up to 32 Gbps	Up to 2 TB
One M.2 2280 Intel Optane Memory H10 with Solid State Storage	PCIe Gen3 x2 NVMe, up to 16 Gbps	Up to 1 TB

Intel Optane Memory H10 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 H10 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 11. Intel Optane Memory H10 with Solid State Storage specifications

Description	Values
Interface	PCIe 3 x4 NVMe <ul style="list-style-type: none">One PCIe 3 x2 for Optane memoryOne 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 1 TB

- NOTE:** Intel Optane Memory H10 with Solid State Storage is supported on computers that meet the following requirements:
- 9th Generation or higher Intel Core i3/i5/i7 processors
 - Windows 10 64-bit version or higher
 - Intel Rapid Storage Technology driver version 15.9.1.1018 or higher

Media-card reader

The following table lists the media cards supported by your Inspiron 7706 2-in-1.

Table 12. Media-card reader specifications

Description	Values
Media-card type	One SD-card slot
Media-cards supported	<ul style="list-style-type: none">Secure Digital (SD)Secure Digital High Capacity (SDHC)Secure Digital Extended Capacity (SDXC)

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 Inspiron 7706 2-in-1.

Table 13. Keyboard specifications

Description	Values
Keyboard type	Backlit keyboard

Table 13. Keyboard specifications (continued)

Description	Values
Keyboard layout	QWERTY
Number of keys	<ul style="list-style-type: none"> • United States and Canada: 101 keys • United Kingdom: 102 keys • Japan: 105 keys
Keyboard size	X=18.7 mm key pitch Y=18.05 mm key pitch
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>

Camera

The following table lists the camera specifications of your Inspiron 7706 2-in-1.

Table 14. Camera specifications

Description	Values
Number of cameras	One
Camera type	RGB HD camera
Camera location	Front
Camera sensor type	CMOS sensor technology
Camera resolution:	
Still image	0.92 megapixel
Video	1280 x 720 (HD) at 30 fps
Diagonal viewing angle:	74.9 degrees

Touchpad

The following table lists the touchpad specifications of your Inspiron 7706 2-in-1.

Table 15. Touchpad specifications

Description	Values
Touchpad resolution:	
Horizontal	4085
Vertical	2742

Table 15. Touchpad specifications (continued)

Description		Values
Touchpad dimensions:		
	Horizontal	133 mm (5.24 in.)
	Vertical	90 mm (3.54 in.)
Touchpad gestures		For more information about touchpad gestures available on Windows, see the Microsoft knowledge base article 4027871 at support.microsoft.com .

Power adapter

The following table lists the power adapter specifications of your Inspiron 7706 2-in-1.

Table 16. Power adapter specifications

Description		Values
Type		E90W
Connector dimensions:		
	External diameter	4.50 mm
	Internal diameter	2.90 mm
Input voltage		100 VAC–240 VAC
Input frequency		50 Hz–60 Hz
Input current (maximum)		1.50 A
Output current (continuous)		4.62 A
Rated output voltage		19.50 VDC
Temperature range:		
	Operating	0°C to 40°C (32°F to 104°F)
	Storage	-40°C to 70°C (-40°F to 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 Inspiron 7706 2-in-1.

Table 17. Battery specifications

Description	Values
Battery type	4-cell 68 Wh "smart" lithium-ion
Battery voltage	15.20 VDC

Table 17. Battery specifications (continued)

Description		Values
Battery weight (maximum)		0.34 kg (0.75 lb)
Battery dimensions:		
	Height	233 mm (9.17 in.)
	Width	95.90 mm (3.78 in.)
	Depth	7.05 mm (0.28 in.)
Temperature range:		
	Operating	0°C to 35°C (32°F to 95°F)
	Storage	-40°C to 65°C (-40°F to 149°F)
Battery operating time		Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.
Battery charging time (approximate)		4 hours (when the computer is off)
 NOTE: Control the charging time, duration, start and end time, and so on using the Dell Power Manager application. For more information on the Dell Power Manager see, <i>Me and My Dell</i> on www.dell.com .		
Coin-cell battery		CR 2032
 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.		

Display

The following table lists the display specifications of your Inspiron 7706 2-in-1.

Table 18. Display specifications

Description		Values
Display type		Quad High Definition (QHD+)
Display-panel technology		Wide Viewing Angle
Display-panel dimensions (active area):		
	Height	228.96 mm (9.01 in.)
	Width	366.34 mm (14.42 in.)
	Diagonal	432 mm (17.01 in.)
Display-panel native resolution		2560 x 1600
Luminance (typical)		300 nits
Megapixels		4.09
Color gamut		sRGB 100%

Table 18. Display specifications (continued)

Description	Values
Pixels Per Inch (PPI)	178
Contrast ratio (min)	41.67
Response time (max)	35 ms
Refresh rate	60 Hz
Horizontal view angle	+/- 85 degrees
Vertical view angle	+/- 85 degrees
Pixel pitch	0.14 mm
Power consumption (maximum)	5.55 W
Anti-glare vs glossy finish	Glossy
Touch options	Yes

Fingerprint reader

The following table lists the fingerprint-reader specifications of your Inspiron 7706 2-in-1.

Table 19. Fingerprint reader specifications

Description	Values
Fingerprint-reader sensor technology	Capacitive
Fingerprint-reader sensor resolution	500 dpi
Fingerprint-reader sensor pixel size	80 x 64

GPU—Integrated

The following table lists the specifications of the integrated Graphics Processing Unit (GPU) supported by your Inspiron 7706 2-in-1.

Table 20. GPU—Integrated

Controller	Memory size	Processor
Intel Iris Xe Graphics	Shared system memory	11 th Generation Intel Core i5/i7

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Inspiron 7706 2-in-1.

Table 21. GPU—Discrete

Controller	Memory size	Memory type
NVIDIA GeForce MX350	2 GB	GDDR5

Operating and storage environment

This table lists the operating and storage specifications of your Inspiron 7706 2-in-1.

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

Table 22. 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)	50% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	140 G†	160 G†
Altitude range	N/A	N/A

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.