

System specifications

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.

Topics:

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Processor

Global Standard Products (GSP) are a subset of Dell's relationship products that are managed for availability and synchronized transitions on a worldwide basis. They ensure the same platform is available for purchase globally. This allows customers to reduce the number of configurations managed on a worldwide basis, thereby reducing their costs. They also enable companies to implement global IT standards by locking in specific product configurations worldwide. The following GSP processors identified below will be made available to Dell customers.

NOTE: Processor numbers are not a measure of performance. Processor availability is subject to change and may vary by region/country.

Table 2. Processor specifications

Type	UMA Graphics
Intel Celeron G4900 (2 Cores/2 MB cache/2 Threads/up to 3.1 GHz/65 W); supports Windows 10/Linux	Intel UHD Graphics 610 with shared graphics memory
Intel Pentium Gold G5400 (2 Cores/4 MB cache/4 Threads/3.7 GHz/65 W); supports Windows 10/Linux	Intel UHD Graphics 610 with shared graphics memory
Intel Pentium Gold G5500 (2 Cores/4 MB cache/4 Threads/3.8 GHz/65 W); supports Windows 10/Linux	Intel Ultra HD Graphics 630
Intel Core i3-8100 (4 Cores/6 MB cache/4 Threads/3.6 GHz/65 W); supports Windows 10/Linux	Intel HD Graphics 630
Intel Core i3-8300 (4 Cores/8 MB cache/4 Threads/3.7 GHz/65 W); supports Windows 10/Linux	Intel HD Graphics 630

Table 2. Processor specifications (continued)

Type	UMA Graphics
Intel Core i5-8400 (6 Cores/9 MB cache/6 Threads/up to 4.0 GHz/65 W); supports Windows 10/Linux	Intel HD Graphics 630
Intel Core i5-8500 (6 Cores/9 MB cache/6 Threads/up to 4.1 GHz/65 W); supports Windows 10/Linux	Intel HD Graphics 630
Intel Core i7-8700 (6 Cores/12 MB cache/12 Threads/up to 4.6 GHz/65 W); supports Windows 10/Linux	Intel HD Graphics 630

Memory

Table 3. Memory specifications

Features	Specifications
Minimum memory configuration	4 GB
Maximum memory configuration	32 GB
Number of slots	2 UDIMM
Maximum memory supported per slot	16 GB
Memory options	<ul style="list-style-type: none"> ● 4 GB - 1 x 4 GB ● 8 GB - 1 x 8 GB ● 8 GB - 2 x 4 GB ● 16 GB - 2 x 8 GB ● 16 GB - 1 x 16 GB ● 32 GB - 2 x 16 GB
Type	DDR4 SDRAM Non-ECC memory
Speed	<ul style="list-style-type: none"> ● 2666 MHz ● 2400 MHz on Celeron, Pentium, and i3 processor

Storage

Table 4. Storage specifications

Type	Form factor	Interface	Capacity
One Solid-State Drive (SSD)	M.2 2230 or 2280	<ul style="list-style-type: none"> ● SATA AHCI, Up to 6 Gbps ● PCIe 2.0 x 4 (NVMe SSD) Up to 16Gbps. ● SATA C20 SED SSD 	<ul style="list-style-type: none"> ● Up to 512 GB ● Up to 1 TB ● Up to 512 GB
One 3.5 inch		SATA 3.0, Up to 6 Gbps	Up to 2 TB, up to 7200 RPM
One 2.5 inch Hard-Disk Drive (HDD)		SATA AHCI, Up to 6 Gbps	Up to 2 TB, up to 7200 RPM
One 2.5 inch Self-encrypting drive Hard-Disk Drive (SED HDD)		SATA AHCI, Up to 6 Gbps	Up to 512 GB, up to 7200 RPM

Chipset

Table 5. Chipset specifications

Type	Intel H370
Non-volatile memory on chipset	Yes
BIOS configuration SPI (Serial Peripheral Interface)	256 Mbit (32 MB) located at SPI_FLASH on chipset
Trusted Platform Module (TPM) 2.0 Security Device (Discrete TPM Enabled)	24 KB located at TPM 2.0 on chipset
Firmware-TPM (Discrete TPM disabled)	By default the Platform Trust Technology feature is visible to the OS
NIC EEPROM	LOM configuration contained within LOM e-fuse – no dedicated LOM EEPROM

HDD and Optane memory configuration

Table 6. HDD and Optane memory configuration

Primary/Boot drive	Specifications
1 x 2.5 inch HDD with M.2 Optane	2.5 500 GB 7200 rpm HDD + Intel Optane Memory
1 x 2.5 inch HDD with M.2 Optane	2.5 1 TB 7200 rpm HDD + Intel Optane Memory
1 x 2.5 inch HDD with M.2 Optane	2.5 2 TB 5400 rpm HDD + Intel Optane Memory
1 x 3.5 inch HDD with M.2 Optane	3.5 500 GB 7200 rpm HDD + Intel Optane Memory
1 x 3.5 inch HDD with M.2 Optane	3.5 1 TB 7200 rpm HDD + Intel Optane Memory
1 x 3.5 inch HDD with M.2 Optane	3.5 2 TB 7200 rpm HDD + Intel Optane Memory

Audio

Table 7. Audio specifications

Features	Specifications
Controller	Realtek ALC3234
Type	Integrated
Speakers	Internal speaker (mono)
Interface	<ul style="list-style-type: none"> • Headset port/Universal audio jack port - 3.5 mm headphone/microphone combo port (Front) • Lineout port (Back) • Dell 2.0 Speaker System - AE215 (optional) • Dell 2.1 Speaker System - AE415 (optional) • Dell AX210 USB Stereo speakers (optional) • Dell Wireless 360 Speaker System - AE715 (optional) • AC511 Sound Bar (optional) • Dell Professional Sound Bar - AE515 (optional)

Table 7. Audio specifications (continued)

Features	Specifications
	<ul style="list-style-type: none"> • Dell Stereo Soundbar - AX510 (optional) • Dell Performance USB Headset - AE2 (optional) • Dell Pro Stereo Headsets - UC150/UC350 (optional)
Internal speaker amplifier	2 W (RMS) per channel

Video

Table 8. Video

Controller	Type	CPU Dependency	Graphics memory type	Capacity	External display support	Maximum resolution
Intel UHD Graphics 630	UMA	Intel Pentium Gold G5500T	Integrated	Shared system memory	DisplayPort 1.2 HDMI 1.4 DP/HDMI 2.0b/VGA (optional)	DP 1.2 Max 4096x2304 @ 60Hz HDMI 1.4 Max 4096x2160 @ 30 Hz, 1.VGA Max 1920x1080 @60Hz 2.DP 1.2 4096x2304 @ 60Hz
Intel UHD Graphics 610	UMA	Intel Celeron G4900T Intel Pentium Gold G5400T	Integrated	Shared system memory	DisplayPort 1.2 HDMI 1.4 DP/HDMI 2.0b/VGA (optional)	DP 1.2 Max 4096x2304 @ 60Hz HDMI 1.4 Max 4096x2160 @ 30 Hz, 1.VGA Max 1920x1080 @60Hz 2.DP 1.2 4096x2304 @ 60Hz
Intel HD Graphics 630	UMA	Intel Core i3-8100T Intel Core i3-8300T Intel Core i5-8400T Intel Core i5-8500T Intel Core i7-8700T	Integrated	Shared system memory	DisplayPort 1.2 HDMI 1.4 DP/HDMI 2.0b/VGA (optional)	DP 1.2 Max 4096x2304 @ 60Hz HDMI 1.4 Max 4096x2160 @ 30 Hz, 1.VGA Max 1920x1080 @60Hz 2.DP 1.2 4096x2304 @ 60Hz