

Dell Pro Precision 9 T6

PW9T6260

Setup and Specifications

Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

Chapter 1: Views of Dell Pro Precision 9 T6 PW9T6260.....	4
Front view.....	4
Back view.....	6
Locate the Service Tag or Express Service Code label of your computer.....	8
Chapter 2: Set up your computer.....	9
Chapter 3: Specifications of Dell Pro Precision 9 T6 PW9T6260.....	13
Dimensions and weight.....	13
Processor.....	13
Chipset.....	13
Operating system.....	14
Memory.....	14
Memory matrix.....	16
External ports and slots.....	17
Internal slots.....	18
Ethernet.....	18
Wireless module.....	19
Audio.....	19
Storage.....	20
Storage matrix.....	21
Redundant Array of Independent Disks (RAID).....	24
Media-card reader.....	25
Power ratings.....	26
Power supply connector.....	26
GPU—Discrete.....	27
Video port resolution.....	27
Hardware security.....	28
Environmental.....	28
Thermal solution configuration matrix.....	29
Regulatory compliance.....	30
Operating and storage environment.....	30
Dell support policy.....	30
Chapter 4: Getting help and contacting Dell.....	31
Chapter 5: Revision history.....	32

Views of Dell Pro Precision 9 T6 PW9T6260

Front view

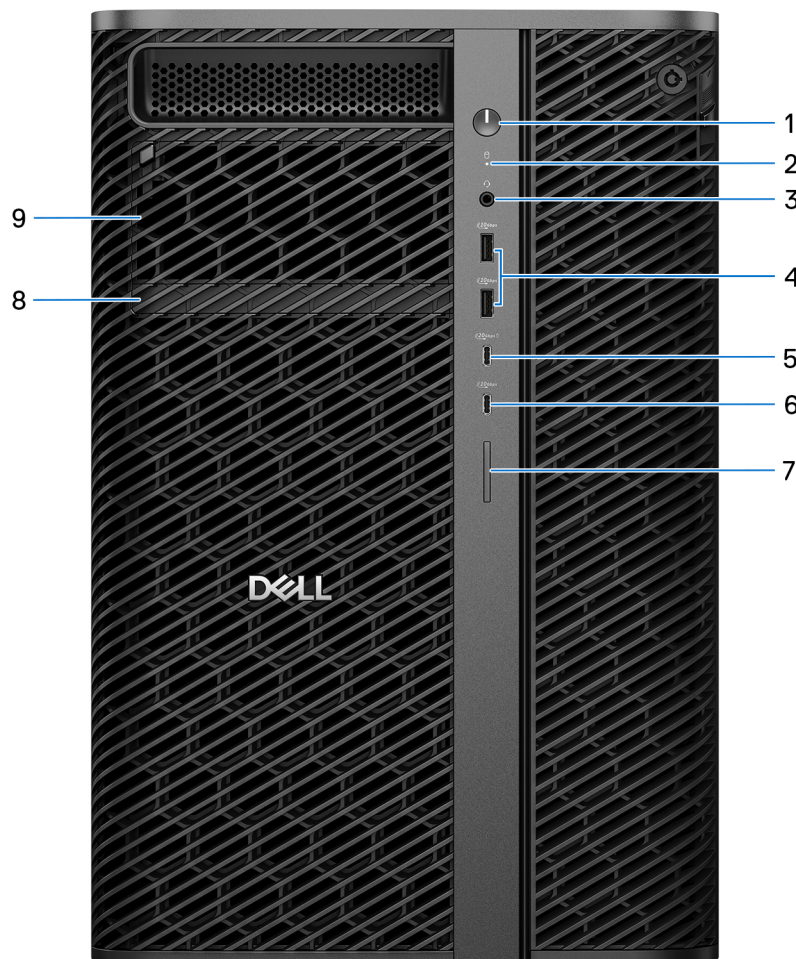


Figure 1. Front view

1. Power button

Press to turn on the computer when it is turned off, in sleep state, or in hibernate state.

When the computer is turned on, press the power button to put the computer into a sleep state. Press and hold the power button for 4 seconds to force shut-down the computer.

NOTE: The power-button behavior can be customized in the operating system.

2. Hard-drive activity indicator

Indicates active read or write operations of your computer's hard drive.

3. Global headset jack

Supports connection of headphones or combo headsets with integrated microphone for audio input and output.

4. USB 3.2 Gen 2 (10 Gbps) ports (2)

Supports data transfer speed up to 10 Gbps for connecting external storage and peripherals.

5. USB 3.2 Gen 2x2 (20 Gbps) Type-C port with PowerShare

Supports data transfer speed up to 20 Gbps for connecting external storage and peripherals, and provides up to 20 W power output capability for charging compatible devices even when the computer is turned off.

6. USB 3.2 Gen 2 (10 Gbps) Type-C port

Supports data transfer speed up to 10 Gbps for connecting external storage and peripherals.

7. SD 7.0 card reader (optional)

Allows you to insert an SD card to expand storage or transfer files. It can read from and writes to the SD card. The computer supports the following card types:

- Secure Digital (SD)
- Secure Digital High Capacity (SDHC)
- Secure Digital Extended Capacity (SDXC)

8. Slim optical drive (optional)

Reads from and writes to CDs and DVDs.

9. External M.2 NVMe or 3.5-inch SATA FlexBay (optional)

You can use this slot to install or replace a hard drive or SSD for more storage or better performance.

Back view

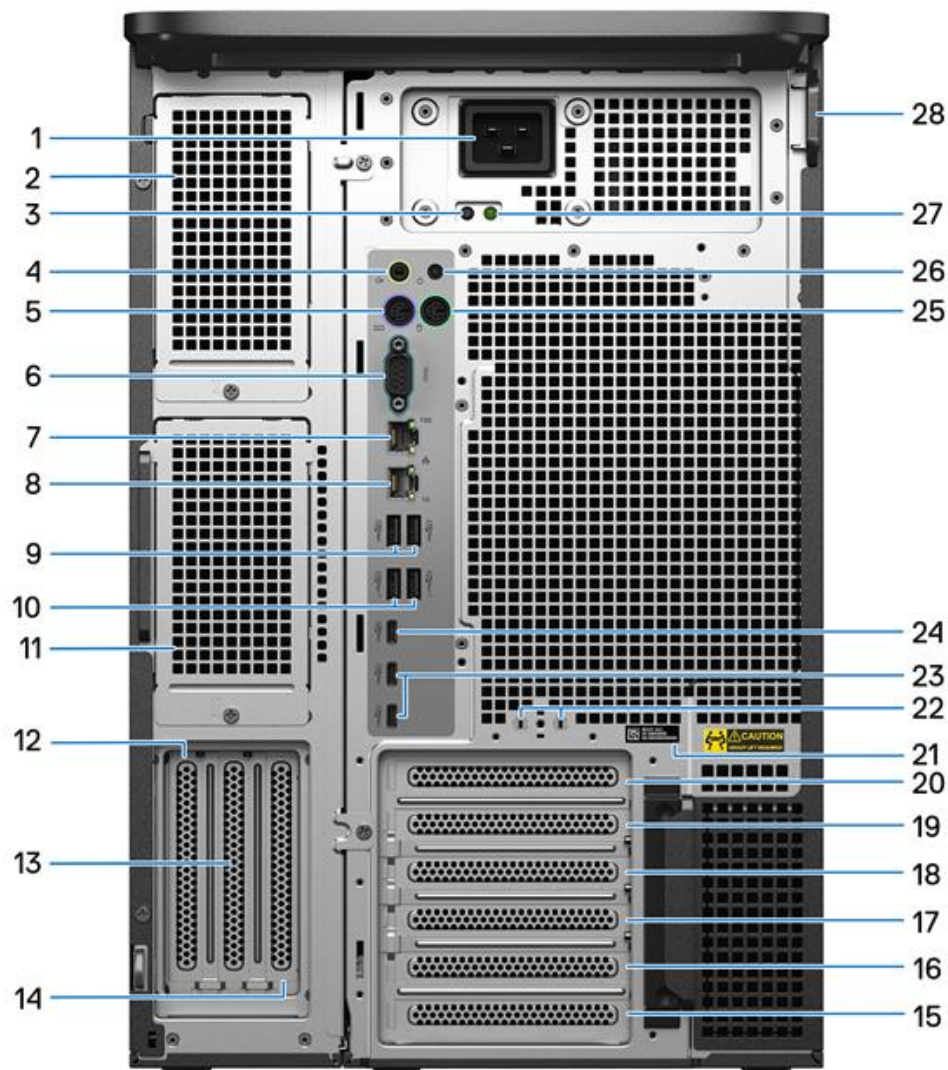


Figure 2. Back view

1. Power-cord connector port

Connect a power cable to provide power to your computer.

2. External FlexBay storage (optional)

- **Front:** M.2 NVMe or 3.5-inch SATA
- **Rear:** 3.5-inch SATA

You can use this slot to install or replace a hard drive or SSD for more storage or better performance.

3. Power-supply built-in self-test (BIST) button

The power-supply BIST button is used to manually activate the power-supply self-test.

4. Audio line-out port

Connect external speakers, headphones, or audio devices for sound output.

By default, the port functions as a line-out port. The function of the audio jack can be configured in BIOS setup as:

- Line out (default)
- Line in
- Microphone in

5. PS/2 port

Connect a keyboard.

6. Serial port

Connect a peripheral or device to the RS-232 serial port.

7. RJ45 Ethernet port, 10GbE

Provides wired network connectivity by connecting to a router or modem using an Ethernet cable. Supports data transfer speeds up to 10 Gbps for stable and high-speed internet or LAN access.

8. RJ45 Ethernet port, 1GbE

Provides wired network connectivity by connecting to a router or modem using an Ethernet cable. Supports data transfer speeds up to 1 Gbps for stable and high-speed internet or LAN access.

9. USB 3.2 Gen 2 (10 Gbps) ports (2)

Supports data transfer speed up to 10 Gbps for connecting external storage and peripherals.

10. USB 3.2 Gen 2 (10 Gbps) ports with SmartPower (2)

Supports data transfer speed up to 10 Gbps for connecting external storage and peripherals.

11. External FlexBay storage (optional)

- **Front:** M.2 NVMe or 3.5-inch SATA
- **Rear:** 3.5-inch SATA

You can use this slot to install or replace a hard drive or SSD for more storage or better performance.

12. Full height Gen5 PCIe x16 - slot1

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

13. Full height Gen5 PCIe x8 - slot2

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

14. Full height Gen4 PCIe x4 - slot3

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

15. Full height Gen4 PCIe x8 (x4 electrical) - slot6 (open-ended)

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

16. Full height Gen5 PCIe x16 - slot5

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

17. Full height Gen4 PCIe x8 - slot4 (open-ended)

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

18. Full height Gen4 PCIe x8 (x4 electrical) - slot3 (open-ended)

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

19. Full height Gen5 PCIe x16 - slot2

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

20. Full height Gen5 PCIe x8 - slot1 (open-ended)

Connect a PCI-Express card such as audio, network, or expansion card to enhance the capabilities of your computer.

21. Service Tag/Express Service Code label

The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information. The Express Service Code is a numeric version of the Service Tag.

22. External Antenna (Optional)

Provides improved wireless signal strength and extended coverage by allowing optimal antenna positioning outside the computer chassis.

23. USB 3.2 Gen 2 (10 Gbps) Type-C ports (2)

Supports data transfer speed up to 10 Gbps for connecting external storage and peripherals.

24. USB 3.2 Gen 2x2 (20 Gbps) Type-C port

Supports data transfer speed up to 20 Gbps for connecting external storage and peripherals.

25. PS/2 port

Connect a mouse.

26. Rear power-button

Provides standard power control (on or off).

 **NOTE:** The power-button behavior can be customized in the operating system.

27. Power-supply diagnostics light

The power-supply diagnostics light indicates the power-supply state.

28. Security-cable slot

Provides a slot for a cable lock to secure the computer against unauthorized removal or movement.

Locate the Service Tag or Express Service Code label of your computer

The service tag is a unique alphanumeric identifier that allows Dell service technicians to identify the hardware components in your computer and access warranty information. The Express Service Code is a numeric version of the Service Tag.

For more information about how to find the Service Tag of your computer, search in the Knowledge Base Resource at the [Dell Support Site](#).

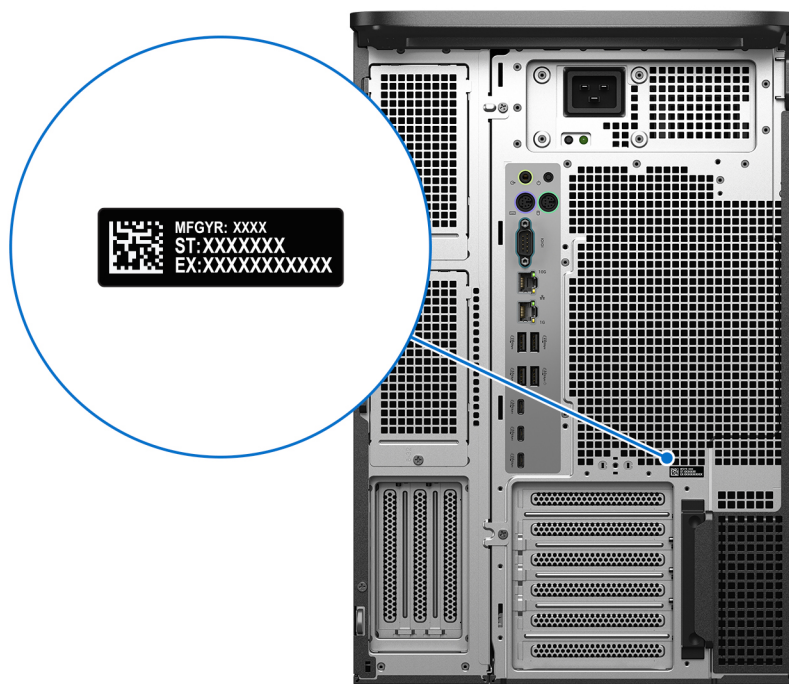


Figure 3. Service Tag/Express Service Code location

Set up your computer

Steps

1. Connect the keyboard and mouse.

 **NOTE:** For setup instructions, see the documentation that is shipped with the keyboard and mouse.

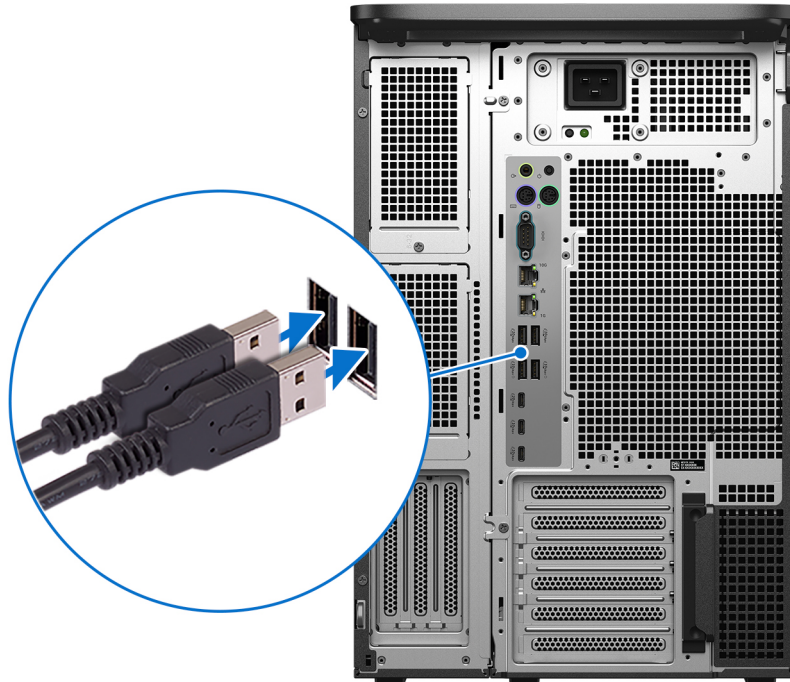


Figure 4. Connecting the keyboard and mouse

2. Connect to your network using a cable, or connect to a wireless network.

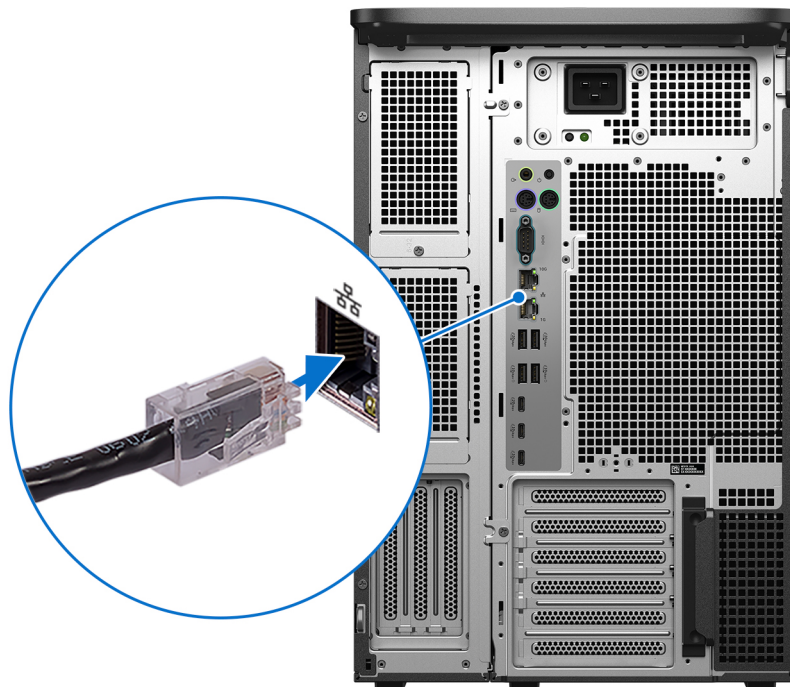


Figure 5. Connecting the network cable

3. Connect the display.

NOTE: For improved graphical performance, connect the display to the display ports on the discrete graphics processing unit.

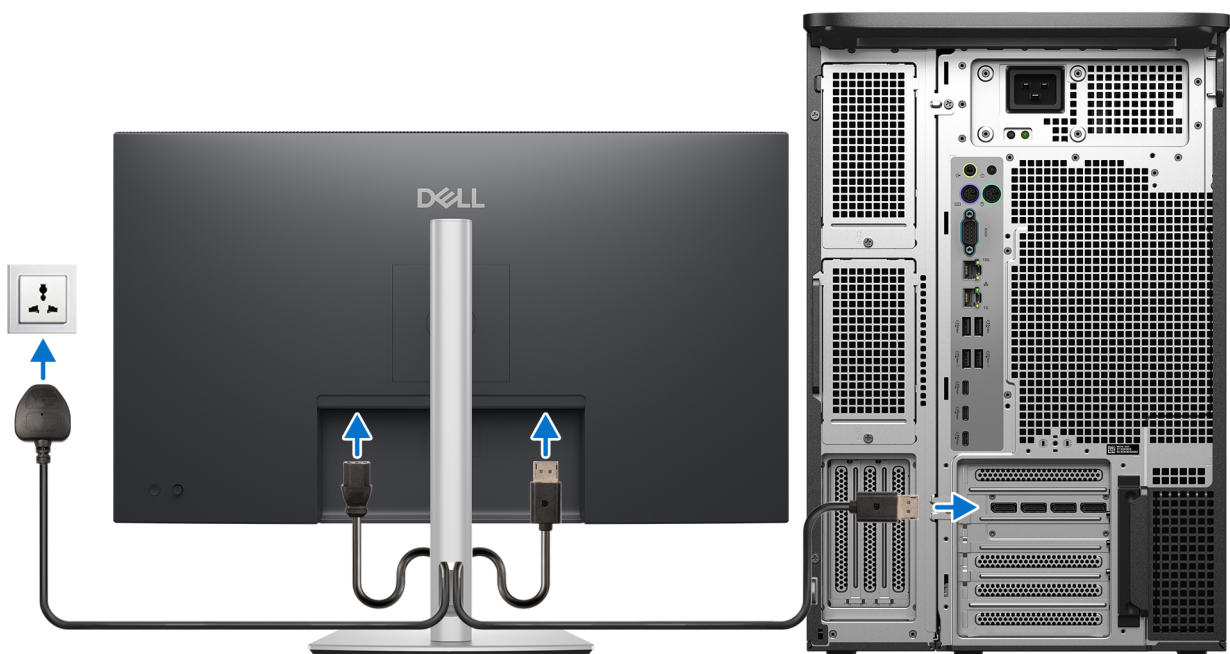


Figure 6. Connecting the display

4. Connect the power cable.

CAUTION: Connect the power cable to a 16-A rated Power Distribution Unit (PDU), and then connect the PDU to the wall outlet.

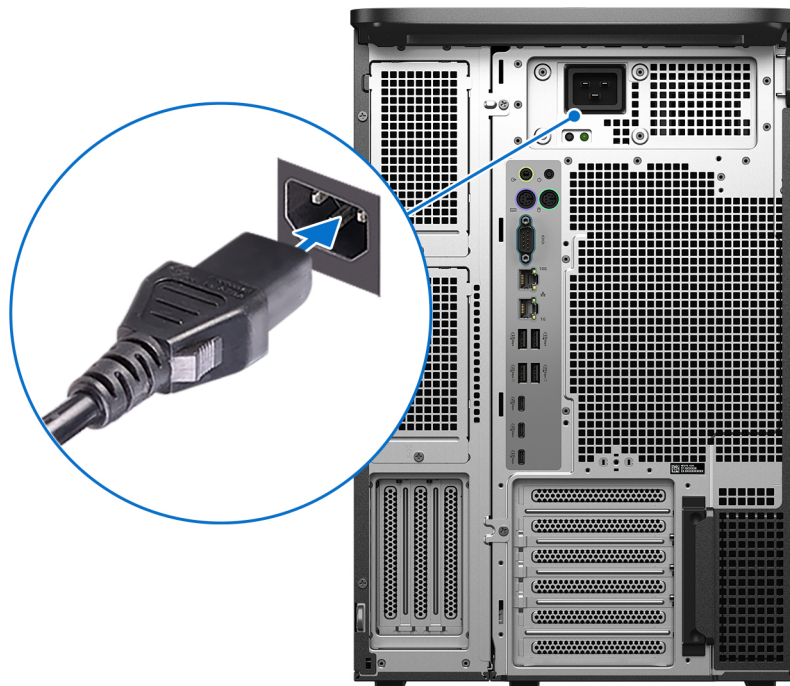


Figure 7. Connecting the power cable

5. Press the power button.



Figure 8. Pressing the power button

 **NOTE:** The device is not intended for use in the immediate field of vision at a computer workstation. To avoid annoying reflections at the computer workstation, this product must not be placed in the immediate field of vision.

6. Finish the operating system setup.

For Ubuntu:

Follow the on-screen instructions to complete the setup. For more information about installing and configuring Ubuntu, search in the Knowledge Base Resource at [Dell Support Site](#).

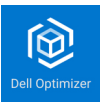
For Windows:

Follow the on-screen instructions to complete the setup. When setting up, Dell Technologies recommends that you:

- Connect to a network for Windows updates.
-  **NOTE:** If connecting to a secured wireless network, enter the password for the wireless network access when prompted.
- If connected to the Internet, sign-in with or create a Microsoft account. If not connected to the Internet, create an offline account.
- On the **Support and Protection** screen, enter your contact details.

7. Locate and use Dell apps from the Windows Start menu—Recommended.

Table 1. Locate Dell apps

Resources	Description
	Dell Optimizer is an application that is designed to enhance computer performance and productivity by optimizing settings for power, battery, display, collaboration touchpad, and presence detection. It also provides access to applications purchased with your new computer. For more information, see Dell Optimizer User's Guide at Dell Support Site .
	Dell Product Registration Register your computer with Dell.
	Dell Help & Support Access help and support for your computer.
	SupportAssist SupportAssist is a proactive and predictive technology that offers automated technical support for Dell computers. It proactively monitors both hardware and software, addressing performance issues, preventing security threats, and automating engagement with Dell Technical Support. For more information, see SupportAssist documentation at Dell Support Site .  NOTE: In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.

Specifications of Dell Pro Precision 9 T6 PW9T6260

Dimensions and weight

The following table lists the height, width, depth, and weight of your Dell Pro Precision 9 T6 PW9T6260.

Table 2. Dimensions and weight

Description	Values
Height	449.80 mm (17.70 in.)
Width	294.10 mm (11.57 in.)
Depth	617.50 mm (24.31 in.)
Weight  NOTE: The weight of your computer depends on the configuration ordered and manufacturing variability.	- Maximum: 52.90 kg (116.62 lb) - Minimum: 31.00 kg (68.34 lb)

Processor

The following table lists the details of the processors that are supported by your Dell Pro Precision 9 T6 PW9T6260.

Table 3. Processor

Processor type	Processor wattage	Processor core count	Processor thread count	Processor speed	Processor cache
Intel Xeon 698X	350 W	86	172	Up to 4.8 GHz	336 MB
Intel Xeon 696X	350 W	64	128	Up to 4.8 GHz	336 MB
Intel Xeon 678X	300 W	48	96	Up to 4.9 GHz	192 MB
Intel Xeon 676X	275 W	32	64	Up to 4.9 GHz	144 MB
Intel Xeon 674X	270 W	28	56	Up to 4.9 GHz	144 MB
Intel Xeon 658X	250 W	24	48	Up to 4.9 GHz	144 MB
Intel Xeon 656	210 W	20	40	Up to 4.8 GHz	72 MB
Intel Xeon 654	200 W	18	36	Up to 4.8 GHz	72 MB

Chipset

The following table lists the details of the chipset that is supported by your Dell Pro Precision 9 T6 PW9T6260.

Table 4. Chipset

Description	Values
Chipset	Intel W890

Table 4. Chipset (continued)

Description	Values
Processor	Intel Xeon 698X/696X/678X/676X/674X/658X/656/654 processors
DRAM bus width	64-bit (single-channel)
Flash EPROM	32 MB (nRPMC) 32 MB (RPMC)
PCIe bus	Up to Gen5
Nonvolatile memory	Yes
BIOS configuration Serial Peripheral Interface (SPI)	256 Mbit (32 MB) at SPI_FLASH
Trusted Platform Module (TPM) 2.0 (Discrete TPM Enabled)	24 KB at TPM 2.0 on chipset
Firmware-TPM (Discrete TPM disabled)	By default, the Platform Trust Technology feature is visible to the operating system.
NIC EEPROM	LOM configuration contained within SPI flash ROM instead of LOM e-fuse

Operating system

Your Dell Pro Precision 9 T6 PW9T6260 supports the following operating systems:

- Windows 11 Pro
- Ubuntu Linux 24.04 LTS
- Windows 11 IoT Enterprise 2024 LTSC (available through Dell Custom Solutions)

Memory

The following table lists the memory specifications that are supported by your Dell Pro Precision 9 T6 PW9T6260.

Table 5. Memory specifications

Description	Values
Memory slots	RDIMM slots
Memory type	DDR5
Memory speed	5600 MT/s 6400 MT/s
Maximum memory configuration	4 TB
Minimum memory configuration	16 GB
Memory size per slot	16 GB, 32 GB, 64 GB, 96 GB, 128 GB, 256 GB
Memory configurations supported	6400 MT/s configuration: 16 GB: 1 x 16 GB, RDIMM, 6400 MT/s, single-channel 32 GB: 2 x 16 GB, RDIMM, 6400 MT/s, single-channel 32 GB: 1 x 32 GB, RDIMM, 6400 MT/s, single-channel 64 GB: 4 x 16 GB, RDIMM, 6400 MT/s, single-channel

Table 5. Memory specifications (continued)

Description	Values
	64 GB: 1 x 64 GB, RDIMM, 6400 MT/s, single-channel 64 GB: 2 x 32 GB, RDIMM, 6400 MT/s, single-channel 96 GB: 1 x 96 GB, RDIMM, 6400 MT/s, single-channel 128 GB: 8 x 16 GB, RDIMM, 6400 MT/s, single-channel 128 GB: 4 x 32 GB, RDIMM, 6400 MT/s, single-channel 128 GB: 2 x 64 GB, RDIMM, 6400 MT/s, single-channel 128 GB: 1 x 128 GB, RDIMM, 6400 MT/s, single-channel 192 GB: 12 x 16 GB, RDIMM, 5200 MT/s, dual-channel 192 GB: 2 x 96 GB, RDIMM, 6400 MT/s, single-channel 256 GB: 16 x 16 GB, RDIMM, 5200 MT/s, dual-channel 256 GB: 8 x 32 GB, RDIMM, 6400 MT/s, single-channel 256 GB: 4 x 64 GB, RDIMM, 6400 MT/s, single-channel 256 GB: 2 x 128 GB, RDIMM, 6400 MT/s, single-channel 256 GB: 1 x 256 GB, RDIMM, 6400 MT/s, single-channel 384 GB: 4 x 96 GB, RDIMM, 6400 MT/s, single-channel 384 GB: 12 x 32 GB, RDIMM, 5200 MT/s, dual-channel 512 GB: 16 x 32 GB, RDIMM, 5200 MT/s, dual-channel 512 GB: 8 x 64 GB, RDIMM, 6400 MT/s, single-channel 512 GB: 4 x 128 GB, RDIMM, 6400 MT/s, single-channel 512 GB: 2 x 256 GB, RDIMM, 6400 MT/s, single-channel 768 GB: 12 x 64 GB, RDIMM, 5200 MT/s, dual-channel 768 GB: 8 x 96 GB, RDIMM, 6400 MT/s, single-channel 1024 GB: 16 x 64 GB, RDIMM, 5200 MT/s, dual-channel 1024 GB: 8 x 128 GB, RDIMM, 6400 MT/s, single-channel 1024 GB: 4 x 256 GB, RDIMM, 6400 MT/s, single-channel 1152 GB: 12 x 96 GB, RDIMM, 5200 MT/s, dual-channel 1536 GB: 16 x 96 GB, RDIMM, 5200 MT/s, dual-channel 1536 GB: 12 x 128 GB, RDIMM, 5200 MT/s, dual-channel 2048 GB: 16 x 128 GB, RDIMM, 5200 MT/s, dual-channel 2048 GB: 8 x 256 GB, RDIMM, 6400 MT/s, single-channel 3072 GB: 12 x 256 GB, RDIMM, 5200 MT/s, dual-channel 4096 GB: 16 x 256 GB, RDIMM, 5200 MT/s, dual-channel 5600 MT/s configuration: 16 GB: 1 x 16 GB, RDIMM, 5600 MT/s, single-channel 32 GB: 2 x 16 GB, RDIMM, 5600 MT/s, single-channel 32 GB: 1 x 32 GB, RDIMM, 5600 MT/s, single-channel 64 GB: 4 x 16 GB, RDIMM, 5600 MT/s, single-channel 64 GB: 1 x 64 GB, RDIMM, 5600 MT/s, single-channel 64 GB: 2 x 32 GB, RDIMM, 5600 MT/s, single-channel 96 GB: 1 x 96 GB, RDIMM, 5600 MT/s, single-channel 128 GB: 8 x 16 GB, RDIMM, 5600 MT/s, single-channel 128 GB: 4 x 32 GB, RDIMM, 5600 MT/s, single-channel 128 GB: 2 x 64 GB, RDIMM, 5600 MT/s, single-channel 128 GB: 1 x 128 GB, RDIMM, 5600 MT/s, single-channel 192 GB: 12 x 16 GB, RDIMM, 4800 MT/s, dual-channel 192 GB: 2 x 96 GB, RDIMM, 5600 MT/s, single-channel 256 GB: 16 x 16 GB, RDIMM, 4800 MT/s, dual-channel 256 GB: 8 x 32 GB, RDIMM, 5600 MT/s, single-channel 256 GB: 4 x 64 GB, RDIMM, 5600 MT/s, single-channel 256 GB: 2 x 128 GB, RDIMM, 5600 MT/s, single-channel 256 GB: 1 x 256 GB, RDIMM, 5600 MT/s, single-channel 384 GB: 4 x 96 GB, RDIMM, 5600 MT/s, single-channel

Table 5. Memory specifications (continued)

Description	Values
	384 GB: 12 x 32 GB, RDIMM, 4800 MT/s, dual-channel 512 GB: 16 x 32 GB, RDIMM, 4800 MT/s, dual-channel 512 GB: 8 x 64 GB, RDIMM, 5600 MT/s, single-channel 512 GB: 4 x 128 GB, RDIMM, 5600 MT/s, single-channel 512 GB: 2 x 256 GB, RDIMM, 5600 MT/s, single-channel 768 GB: 12 x 64 GB, RDIMM, 4800 MT/s, dual-channel 768 GB: 8 x 96 GB, RDIMM, 5600 MT/s, single-channel 1024 GB: 16 x 64 GB, RDIMM, 4800 MT/s, dual-channel 1024 GB: 8 x 128 GB, RDIMM, 5600 MT/s, single-channel 1024 GB: 4 x 256 GB, RDIMM, 5600 MT/s, single-channel 1152 GB: 12 x 96 GB, RDIMM, 4800 MT/s, dual-channel 1536 GB: 16 x 96 GB, RDIMM, 4800 MT/s, dual-channel 1536 GB: 12 x 128 GB, RDIMM, 4800 MT/s, dual-channel 2048 GB: 16 x 128 GB, RDIMM, 4800 MT/s, dual-channel 2048 GB: 8 x 256 GB, RDIMM, 5600 MT/s, single-channel 3072 GB: 12 x 256 GB, RDIMM, 4800 MT/s, dual-channel 4096 GB: 16 x 256 GB, RDIMM, 4800 MT/s, dual-channel

Memory matrix

Memory configuration matrix for computers shipped with Intel Xeon 698X/696X/678X/676X/674X/658X processors (5600 MT/s configuration).

Main memory				DIMM slot numbering															
				5	13	3	11	7	15	1	9	12	4	14	6	10	2	16	8
				CPU															
				iMC3		iMC2		iMC1		iMC0		iMC4		iMC5		iMC6		iMC7	
				CH_D		CH_C		CH_B		CH_A		CH_E		CH_F		CH_G		CH_H	
Total (GB)	DPC	Memory physical frequency (MT/s)	System running frequency (MT/s)	0	1	0	1	0	1	0	1	1	0	1	0	1	0	1	0
RDIMM																			
16	1DPC	5600	5600							16									
32	1DPC	5600	5600							16								16	
64	1DPC	5600	5600			16				16			16					16	
128	1DPC	5600	5600	16		16		16		16			16		16			16	16
192	2DPC	5600	4800	16		16	16	16		16	16	16	16		16	16	16	16	
256	2DPC	5600	4800	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
32	1DPC	5600	5600							32									
64	1DPC	5600	5600							32								32	
128	1DPC	5600	5600			32				32			32					32	
256	1DPC	5600	5600	32		32		32		32			32		32		32		32
384	2DPC	5600	4800	32		32	32	32		32	32	32	32		32	32	32	32	
512	2DPC	5600	4800	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
64	1DPC	5600	5600							64									
128	1DPC	5600	5600							64								64	
256	1DPC	5600	5600			64				64			64					64	
512	1DPC	5600	5600	64		64		64		64	64	64	64		64	64	64	64	64
768	2DPC	5600	4800	64		64	64	64		64	64	64	64		64	64	64	64	64
1024	2DPC	5600	4800	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
96	1DPC	5600	5600							96									
192	1DPC	5600	5600							96								96	
384	1DPC	5600	5600			96				96			96					96	
768	1DPC	5600	5600	96		96		96		96			96		96		96	96	96
1152	2DPC	5600	4800	96		96	96	96		96	96	96	96		96	96	96	96	96
1536	2DPC	5600	4800	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
128	1DPC	5600	5600							128									
256	1DPC	5600	5600							128								128	
512	1DPC	5600	5600			128				128			128					128	
1024	1DPC	5600	5600	128		128		128		128			128		128		128	128	128
1536	2DPC	5600	4800	128		128	128	128		128	128	128	128		128	128	128	128	128
2048	2DPC	5600	4800	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
256	1DPC	5600	5600							256									
512	1DPC	5600	5600							256								256	
1024	1DPC	5600	5600			256				256			256					256	
2048	1DPC	5600	5600	256		256		256		256			256		256		256	256	256
3072	2DPC	5600	4800	256		256	256	256		256	256	256	256		256	256	256	256	256
4096	2DPC	5600	4800	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256

Figure 9. Memory configuration matrix – 5600 MT/s configuration (Intel Xeon 698X/696X/678X/676X/674X/658X)

Memory configuration matrix for computers shipped with Intel Xeon 698X/696X/678X/676X/674X/658X processors (6400 MT/s configuration).

Main memory				DIMM slot numbering															
				5	13	3	11	7	15	1	9	12	4	14	6	10	2	16	8
				CPU															
				iMC3 CH_D	iMC2 CH_C	iMC1 CH_B	iMC0 CH_A	iMC4 CH_E	iMC5 CH_F	iMC6 CH_G	iMC7 CH_H								
Total (GB)	DPC	Memory physical frequency (MT/s)	System running frequency (MT/s)	0	1	0	1	0	1	0	1	1	0	1	0	1	0	1	0
RDIMM																			
16	1DPC	6400	6400							16								16	
32	1DPC	6400	6400							16								16	
64	1DPC	6400	6400			16				16			16					16	
128	1DPC	6400	6400	16		16		16		16			16		16			16	
192	2DPC	6400	5200	16		16	16	16		16	16	16	16		16	16	16	16	
256	2DPC	6400	5200	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
32	1DPC	6400	6400							32								32	
64	1DPC	6400	6400							32								32	
128	1DPC	6400	6400			32				32			32					32	
256	1DPC	6400	6400	32		32		32		32			32		32		32	32	32
384	2DPC	6400	5200	32		32	32	32		32	32	32	32		32	32	32	32	32
512	2DPC	6400	5200	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
64	1DPC	6400	6400							64								64	
128	1DPC	6400	6400							64								64	
256	1DPC	6400	6400			64				64			64					64	
512	1DPC	6400	6400	64		64		64		64			64		64		64	64	64
768	2DPC	6400	5200	64		64	64	64		64	64	64	64		64	64	64	64	64
1024	2DPC	6400	5200	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
96	1DPC	6400	6400							96								96	
192	1DPC	6400	6400							96								96	
384	1DPC	6400	6400			96				96			96					96	
768	1DPC	6400	6400	96		96		96		96			96		96		96	96	96
1152	2DPC	6400	5200	96		96	96	96		96	96	96	96		96	96	96	96	96
1536	2DPC	6400	5200	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
128	1DPC	6400	6400							128								128	
256	1DPC	6400	6400							128								128	
512	1DPC	6400	6400			128				128			128					128	
1024	1DPC	6400	6400	128		128		128		128			128		128		128	128	128
1536	2DPC	6400	5200	128		128	128	128	128	128	128	128	128	128	128	128	128	128	128
2048	2DPC	6400	5200	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
256	1DPC	6400	6400							256								256	
512	1DPC	6400	6400							256								256	
1024	1DPC	6400	6400			256				256			256					256	
2048	1DPC	6400	6400	256		256		256		256			256		256		256	256	256
3072	2DPC	6400	5200	256		256	256	256		256	256	256	256		256	256	256	256	256
4096	2DPC	6400	5200	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256

Figure 10. Memory configuration matrix – 6400 MT/s configuration (Intel Xeon 698X/696X/678X/676X/674X/658X)

External ports and slots

The following table lists the external ports and slots on your Dell Pro Precision 9 T6 PW9T6260.

Table 6. External ports and slots

Description	Values
Network port	- One RJ45 Ethernet port, 1GbE - One RJ45 Ethernet port, 10GbE
USB ports	Front: - One USB 3.2 Gen 2x2 (20 Gbps) Type-C port with PowerShare - One USB 3.2 Gen 2 (10 Gbps) Type-C port - Two USB 3.2 Gen 2 (10 Gbps) ports Rear: - One USB 3.2 Gen 2x2 (20 Gbps) Type-C port - Two USB 3.2 Gen 2 (10 Gbps) Type-C port - Two USB 3.2 Gen 2 (10 Gbps) ports with SmartPower - Two USB 3.2 Gen 2 (10 Gbps) ports
Audio port	- One global headset jack (front) - One audio line-out port (rear) By default, the port functions as a line-out port. The function of the audio jack can be configured in BIOS setup as: - Line out (default) - Line in - Microphone in

Table 6. External ports and slots (continued)

Description	Values
Video port(s)	Not supported
Media-card reader slot	One SD-card slot 7.0+ (optional)
Power-adaptor port	One power-cable connector
Security-cable slot	- Two Kensington security-cable slot - Two Padlock ring

Internal slots

The following table lists the internal slots on your Dell Pro Precision 9 T6 PW9T6260.

Table 7. Internal slots

Description	Values
PCIe Expansion	- One full height Gen5 PCIe x8 - slot 1 (open-ended) - One full height Gen5 PCIe x16 - slot 2 - One full height Gen4 PCIe x8 (x4 electrical) - Slot 3 (open-ended) - One full height Gen4 PCIe x8 - slot 4 (open-ended) - One full height Gen5 PCIe x16 - slot 5 - One full height Gen4 PCIe x8 (x4 electrical) - Slot 6 (open-ended) Riser 1 / 2 / 3 - Gen5 x16 (Slot 1), or - Gen5 x8 (Slot 1) and Gen4 x8 (Slot 2), or - Gen5 x8 (Slot 1) and two Gen4 x4 (Slot 2 and Slot 3)
M.2	- Three M.2 2280/2230 Gen5 PCIe NVMe SSD slots - One M.2 2280/2230 Gen4 PCIe NVMe SSD slots - One M.2 2230 slot for Wi-Fi and Bluetooth combo card  NOTE: To learn more about the features of different types of M.2 cards, search Dell Support Site.
SATA/SAS/NVMe/ODD	- Two internal SATA 3.5-inch HDD slots - Up to 10 SATA 3.5-inch HDD slots in the externally facing FlexBay - Up to 10 SAS HDD slots in the externally facing FlexBay - Up to 12 NVMe M.2 SSD slots in the externally facing FlexBay - Slim ODD slot

Ethernet

The following table lists the wired Ethernet Local Area Network (LAN) specifications of your Dell Pro Precision 9 T6 PW9T6260.

Table 8. Ethernet specifications

Description	Values
Model	Intel Ethernet Connection I219-LM

Table 8. Ethernet specifications (continued)

Description	Values
	Marvell AQC113
Transfer rate	- Upto 1 Gbps - Upto 10 Gbps

Wireless module

The following table lists the Wireless Local Area Network (WLAN) module that is supported on your Dell Pro Precision 9 T6 PW9T6260.

Table 9. Wireless module specifications

Description	Values
Model number	MediaTek Wi-Fi 7 MT7925
Transfer rate	Up to 2882 Mbps
Frequency bands supported	2.4 GHz/5 GHz/6 GHz
Wireless standards	- Wi-Fi 802.11 a/b/g - Wi-Fi 4 (Wi-Fi 802.11n) - Wi-Fi 5 (Wi-Fi 802.11ac) - Wi-Fi 6 (Wi-Fi 802.11ax) - Wi-Fi 7 (Wi-Fi 802.11be)
Encryption	64-bit/128-bit WEP - AES-CCMP - TKIP
Bluetooth wireless card  NOTE: The functionality of the Bluetooth wireless card may vary based on the operating system.	Qualified against Bluetooth Core 6.0 wireless specification

Audio

The following table lists the audio specifications of your Dell Pro Precision 9 T6 PW9T6260.

Table 10. Audio specifications

Description	Values
Audio type	Internal mono chassis speaker
Audio controller	Realtek ALC3246-CGT
Internal audio interface	High definition audio interface
External audio interface	- One global headset jack (front) - One audio line-out port (rear) By default, the port functions as a line-out port. The function of the audio jack can be configured in BIOS setup as:

Table 10. Audio specifications (continued)

Description	Values
	- Line out (default) - Line in - Microphone in
Stereo conversion	Supported
Speakers	One
Internal speaker amplifier	Codec built-in amplifier
External volume controls	No hardware volume buttons
Speaker output:	
Average (W)	2 W
Peak (W)	2.5 W
Subwoofer output	Not supported
Microphone	Using the global headset jack

Storage

This section lists the storage options on your Dell Pro Precision 9 T6 PW9T6260.

Table 11. Storage specifications

Storage type	Interface type	Capacity
M.2 2280 SSD, TLC, SED	PCIe Gen4x4 NVMe	512 GB
M.2 2280 SSD, TLC, SED	PCIe Gen5x4 NVMe	1 TB/2 TB/4 TB
3.5-inch, SATA, Enterprise HDD	SATA 3.0	4 TB/8 TB/12 TB/16 TB/20 TB/24 TB
2.5-inch, SAS, Enterprise HDD	SAS	1.2 TB/2.4 TB

Storage matrix

The following table lists the storage configurations supported on your Dell Pro Precision 9 T6 PW9T6260.

Figure 11. Storage matrix

Megaraid

Redundant Array of Independent Disks (RAID)

24 Specifications of Dell Pro Precision 9 T6 PW9T6260

NOTE: For optimal performance, Dell Technologies recommends using identical drive models when configuring drives as a RAID volume.

Care must be taken to match not only the drive vendor, capacity, and class, but also the specific model. Drives from the same vendor, with the same capacity and class, can still have different performance characteristics for certain types of I/O operations. Therefore, matching by model ensures that the RAID volume is made up of a uniform array of drives, delivering all the benefits of RAID without the drawbacks of having lower-performing drives in the mix.

NOTE: Dell Pro Precision 9 T6 PW9T6260 supports RAID with more than one hard drive configuration.

With various RAID Levels, multiple physical hard drives are used to divide and/or store data. The standard method of arranging data is also termed as *level* in RAID.

The types of RAID levels supported by Dell Pro Precision 9 T6 PW9T6260 are: RAID0, RAID1, RAID5, RAID10

RAID 0 stripes data across two or more drives for faster read and write performance. It uses more space compared to other RAID types, and performance increases as the number of drives increases. However, if any drive in the array fails, all the data is lost because there is no data redundancy.

The following are the key features of RAID 0:

- Two or more drives of the same size are required for RAID 0.
- A single-drive RAID 0 volume is almost equivalent to using raw drives in JBOD mode.
- In multiple-drive RAID 0 volumes, read and write operations are shared concurrently across multiple platters and heads. Therefore, it provides better performance.
- The total volume capacity as seen by the operating system is equal to the sum of the individual-drive capacities. For example, if you use four drives of 1 TB size, you get 4 x 1 TB = 4 TB.

RAID 1, also known as data mirroring, provides 100% redundancy for data protection. By balancing the load, read performance can be twice as that of a single drive; write performance is almost the same as a single drive. RAID 1 volumes are suitable for operating system volumes. A disadvantage is cost, as twice as many drives are required for RAID 1.

The following are the key features of RAID 1:

- 100% duplication of data with instant failover.
- Requires two drives, preferably of the same capacity. When two different capacity drives are used, the volume size is same as the capacity of the smaller drive. For example, if you use one 1 TB drive and one 2 TB drive in a RAID 1 array, the volume size is 1 TB.

RAID 5, leverages striping in conjunction with distributed parity data, enabling the array to recover from the failure of a single disk. This configuration achieves a balance between performance, storage efficiency, and redundancy.

RAID 10, combines the features of RAID 0 and RAID 1 by mirroring and striping data across multiple disks. This hybrid configuration delivers superior performance coupled with redundancy, ensuring both speed and data protection.

Media-card reader

The following table provides the specification of media cards that are supported by your Dell Pro Precision 9 T6 PW9T6260.

Table 12. Media-card reader specifications

Description	Values
Media-card slot type	One SD card slot (optional)
Media-cards supported	• Secure Digital (SD) • Secure Digital High Capacity (SDHC) • Secure Digital Extended Capacity (SDXC)
NOTE: The maximum capacity of the media-card reader varies depending on the standard of the media card that is inserted in your computer.	

Power ratings

The following table lists the power rating specifications of Dell Pro Precision 9 T6 PW9T6260.

Table 13. Power ratings

Description	Option one
Type	2400 W Platinum
Input voltage	90 VAC–264 VAC
Input frequency	47 Hz–63 Hz
Input current (maximum)	16 A
Output current (continuous)	90 Vac~114 Vac (1200 W) • 12 VDC/98.4 A • 12 VSB/ 8 A 115 Vac~199 Vac (1500 W) • 12 VDC/ 123 A • 12 VSB/ 8 A 200 Vac~264 Vac (2400 W) • 12 VDC/ 197 A • 12 VSB/ 8 A
Rated output voltage	• +12 VDC • +12 VSB
Temperature range:	
Operating	• 5°C–50°C (41°F–122°F) • Standby: 40°C (104°F)
Storage	-40°C to 70°C (-40°F to 158°F)

Power supply connector

The following table lists the Power supply connector specifications of your Dell Pro Precision 9 T6 PW9T6260.

Table 14. Power supply connector

Description	PSU connection	Power Distribution Board
2400 W Platinum internal power supply unit	PCB Golden finger to conduct with power distribution board	• One 60-pin gold finger for the system board • One 22-pin connector for expansion board • Two 6-pin connector for graphics card

GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Dell Pro Precision 9 T6 PW9T6260.

Table 15. GPU—Discrete

Controller	Memory size	Memory type
AMD Radeon PRO W7400 Professional Graphics	8 GB	GDDR6
NVIDIA RTX A400	4 GB	GDDR6
NVIDIA RTX A1000	8 GB	GDDR6
NVIDIA A800 Active	40 GB	HBM2
NVIDIA RTX PRO 2000 Blackwell	16 GB	GDDR7
NVIDIA RTX PRO 4000 Blackwell	24 GB	GDDR7
NVIDIA RTX PRO 4500 Blackwell	32 GB	GDDR7
NVIDIA RTX PRO 5000 Blackwell	48 GB	GDDR7
NVIDIA RTX PRO 6000 Blackwell Workstation Edition	96 GB	GDDR7
NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition	96 GB	GDDR7

Video port resolution

The following table lists the video port resolution for your Dell Pro Precision 9 T6 PW9T6260.

Table 16. Video port resolution

Graphics card	Video ports	Maximum supported resolution
AMD Radeon PRO W7400 Professional Graphics	Four mini-DP 1.4 ports	7680 x 4320 at 24 bpp at 120 Hz
NVIDIA RTX A400	Four mini-DP 1.4a ports	5120 x 2880 at 60 Hz
NVIDIA RTX A1000	Four mini-DP 1.4a ports	7680 x 4320 at 60 Hz
NVIDIA A800 Active	N/A	N/A
NVIDIA RTX PRO 2000 Blackwell	Four mini-DP 2.1b	15360 x 8640 at 60 Hz
NVIDIA RTX PRO 4000 Blackwell	Four DP 2.1b ports	7680 x 4320 at 100 Hz
NVIDIA RTX PRO 4500 Blackwell	Four DP 2.1b ports	7680 x 4320 at 100 Hz
NVIDIA RTX PRO 5000 Blackwell	Four DP 2.1b ports	7680 x 4320 at 60 Hz
NVIDIA RTX PRO 6000 Blackwell Workstation Edition	Four DP 2.1b ports	7680 x 4320 at 60 Hz
NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition	Four DP 2.1b ports	7680 x 4320 at 60 Hz

Hardware security

The following table lists the hardware security of your Dell Pro Precision 9 T6 PW9T6260.

Table 17. Hardware security

Hardware security
Kensington security-cable slot
Padlock loop
Chassis intrusion switch
Microsoft Windows 11 Device Guard and Credential Guard (Enterprise SKU)
Microsoft Windows BitLocker
Local hard drive data wipe through BIOS (Secure Erase)
Enterprise SED (SATA/SAS/PCIe FIPS)
e-Drive storage including RAID
Self-encrypting storage drives (Opal, FIPS)
Trusted Platform Module TPM 2.0
BIOS Administrative Password
BIOS hard drive password option (default off)
BIOS Data Port On/Off-Data Port disablement
Secure update of pre-boot password through remote BIOS update
SafeBIOS: includes Dell Off-Host BIOS Verification, BIOS Resilience, BIOS Recovery, and additional BIOS Controls

Environmental

The following table lists the environmental specifications of your Dell Pro Precision 9 T6 PW9T6260.

Table 18. Environmental

Feature	Values
ErP Lot 6/26 compliant	Yes
ErP Lot 3 Tier II compliant	Yes
EPEAT 1.0 Gold	Yes
EPEAT 2.0 Gold	Yes
TCO 10 certified	Yes - EMEA only
California Energy Commission CEC MEPS Guidelines	Yes
Energy Star version 9.0	Yes
Dell ENV0199 compliant	Yes
Dell Design for Environment (DfE) ENV0425	Yes

NOTE: Wood-based fiber packaging contains a minimum of 35% recycled content by total weight of wood-based fiber. Packaging that contains without wood-based fiber can be claimed as Not Applicable. The anticipated required criteria for EPEAT 2025.

Thermal solution configuration matrix

The following table lists the supported thermal solution configurations for Dell Pro Precision 9 T6 PW9T6260.

Table 19. Thermal solution and fan configuration matrix

Dell Pro Precision 9 T6 PW9T6260				Configuration - 2400 W
Processor				Intel Xeon Granite Rapids
Power supply rating				2400 W
CPU power				Maximum 350 W
Graphics card power consumption				Up to 1500 W
Processor cooler type				350 W CPU air cooler
SSD heat sink on system board				Yes
Base side	Fan	Fan location	Fan name	
		Rear system fan	FAN SYS 3	Yes
		Front lower fan	FAN SYS 2	Yes
		Front upper fan	FAN SYS 1	Yes
		Storage fan	FAN HDD 0	Yes
		Memory fan	FAN MEM 1/ FAN MEM 2	Yes
		Bottom fan	FAN SYS 4/ FAN SYS 5	Yes, when the NVIDIA RTX PRO 6000 Blackwell Workstation Edition (600 W) graphics card is installed.
	Air shroud	Main air shroud		Yes
Expansion side	Fan	Fan location	Fan name	
		PCIe Riser 1 fan	FAN R1	Yes
		PCIe Riser 2 fan	FAN HDD3 / R2	Yes, when PCIe Riser 2 is installed and/or RTX PRO 6000 (600 W) is installed.
		PCIe Riser 3 fan	FAN HDD1 / R3	Yes, when PCIe Riser 3 is installed.
		Exhaust fan	FAN HDD4 / R4	Yes, when the following graphics card is installed: RTX PRO 6000 (600 W)
	Air shroud	PCIe Riser fan duct		Yes, when PCIe riser is installed.
		Mid-chassis air baffle for 600 W graphics card		Yes, when the following graphics card is installed: NVIDIA RTX PRO 6000 (600 W)

NOTE: Maximum output power depends on the AC input voltage. When operating at low-line input (90–114 Vac or 115–199 Vac), available output power is reduced. Refer to the PSU specification section (link) for details. System power budgeting must account for the intended operating input voltage.

Regulatory compliance

The following table lists the regulatory compliance of your Dell Pro Precision 9 T6 PW9T6260.

Table 20. Regulatory compliance

Regulatory compliance
Product Safety, EMC and Environmental Datasheets
Dell Regulatory Compliance Home page
Responsible Business Alliance Policy

Operating and storage environment

This table lists the operating and storage specifications of your Dell Pro Precision 9 T6 PW9T6260.

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

Table 21. Computer environment

Description	Operating	Storage
Temperature range	10°C to 35°C (50°F to 95°F)	-40°C to 65°C (-40°F to 149°F)
Relative humidity (maximum)	20% to 80% (non-condensing)	5% to 95% (non-condensing)
Vibration (maximum)*	0.52 GRMS	2.0 GRMS
Shock (maximum)	- Shock acceleration: 40 G† - Shock duration: 2.5 ms	- Shock acceleration: 105 G† - Shock duration: 2.5 ms
Altitude range	- Minimum: -15.2 m - Maximum: 3048 m	- Minimum: -15.2 m - Maximum: 10668 m
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 the user environment.

† Measured using a 2 ms half-sine pulse.

Dell support policy

For information about Dell support policy, search [Dell Support Site](#).

Getting help and contacting Dell

Self-help resources

You can get information and help on Dell products and services using these self-help resources:

Table 22. Self-help resources

Self-help resources	Resource location
Information about Dell products and services	Dell Site
Contact Support	In Windows search, type <code>Contact Support</code> , and press Enter.
Online help for operating system	Windows Support Site Linux Support Site
Access top solutions, diagnostics, drivers and downloads, and learn more about your computer through videos, manuals, and documents.	Your Dell computer is uniquely identified using a Service Tag or Express Service Code. To view relevant support resources for your Dell computer, enter the Service Tag or Express Service Code at Dell Support Site . For more information about how to find the Service Tag for your computer, see Locate the Service Tag on your computer .
Dell knowledge base articles	1. Go to Dell Support Site. 2. On the menu bar at the top of the Support page, select Support > Support Library. 3. In the Search field on the Support Library page, type the keyword, topic, or model number, and then click or tap the search icon to view the related articles.

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see [Contact Support at Dell Support Site](#).

 **NOTE:** Availability of the services may vary depending on the country or region, and product.

 **NOTE:** If you do not have an active Internet connection, you can find contact information in your purchase invoice, packing slip, bill, or Dell product catalog.

Revision history

Tracks all updates that are made to the document. It typically includes the date of change, version number, and a brief description of the modification. This log helps maintain transparency, accountability, and a clear timeline of progress.

Table 23. Revision history

Revision	Date	Description
A01	June 2026	Updated the list of discrete graphics card.
A00	May 2026	Original publish date.