

# Precision 7960 Tower

## 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.

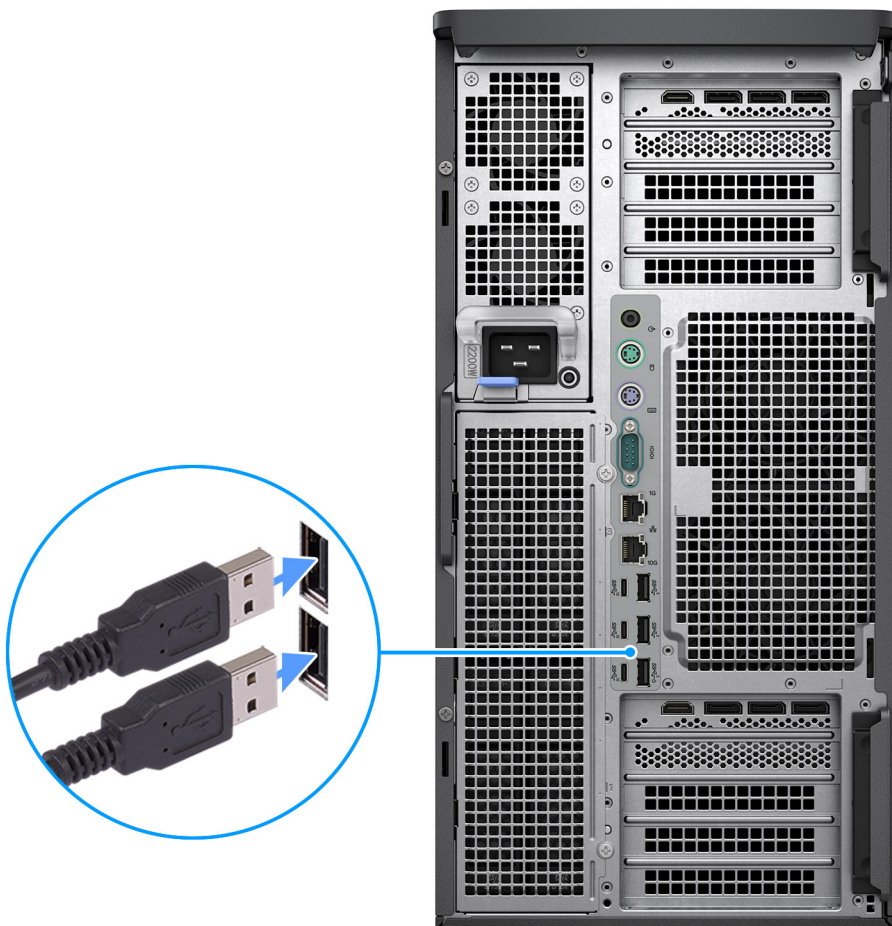
 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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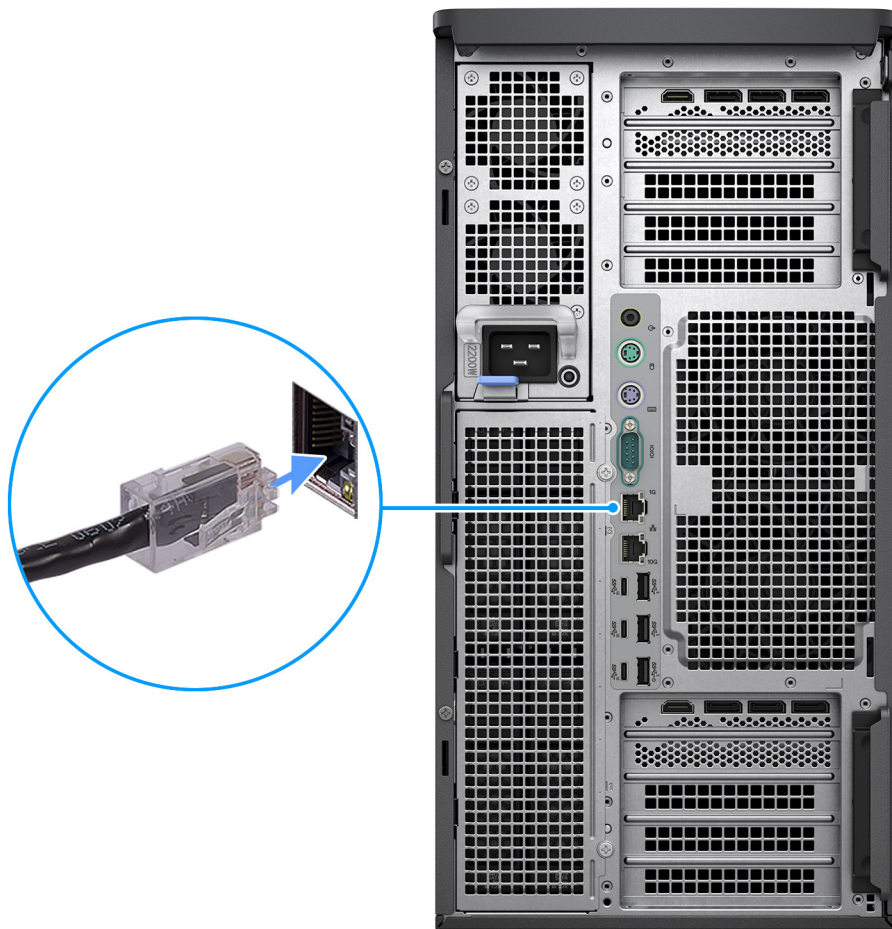
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# Set up your Precision 7960 Tower

1. Connect the keyboard and mouse.



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



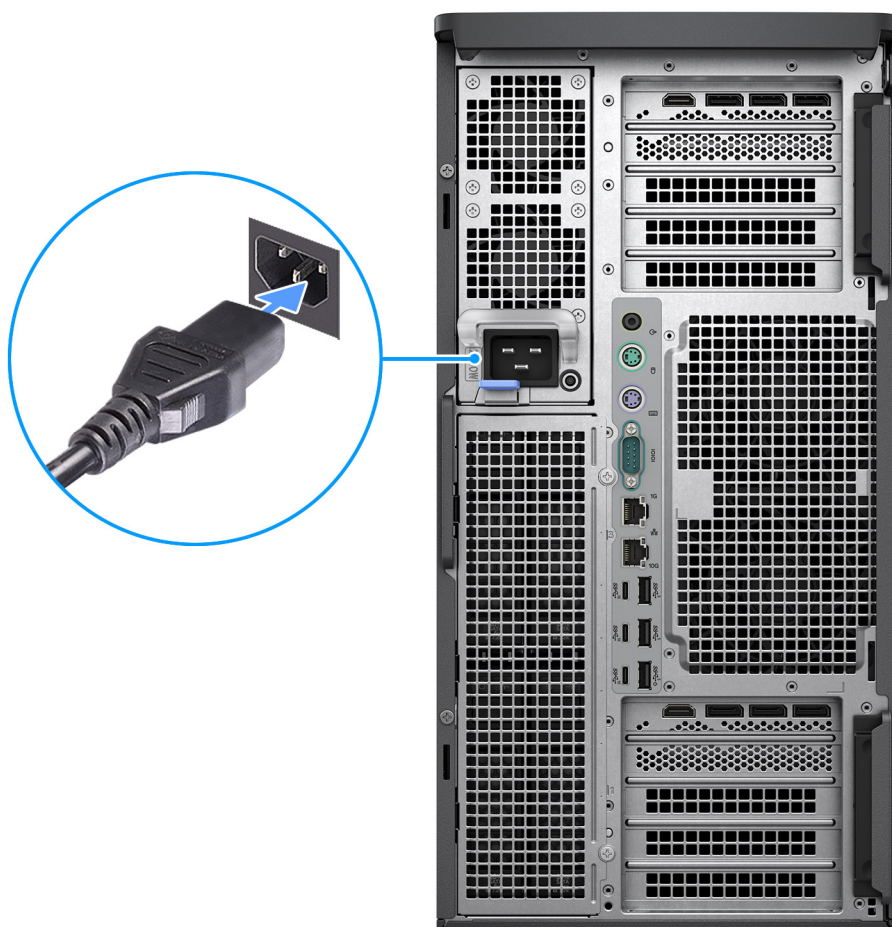
3. Connect the display.

**i** **NOTE:** If your computer is install with multiple graphics cards, ensure you connect your main display to the slot illustrated below to get the post screen.



4. Connect the power cable.

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



5. Press the power button.



6. Finish 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
	<b>My Dell</b>

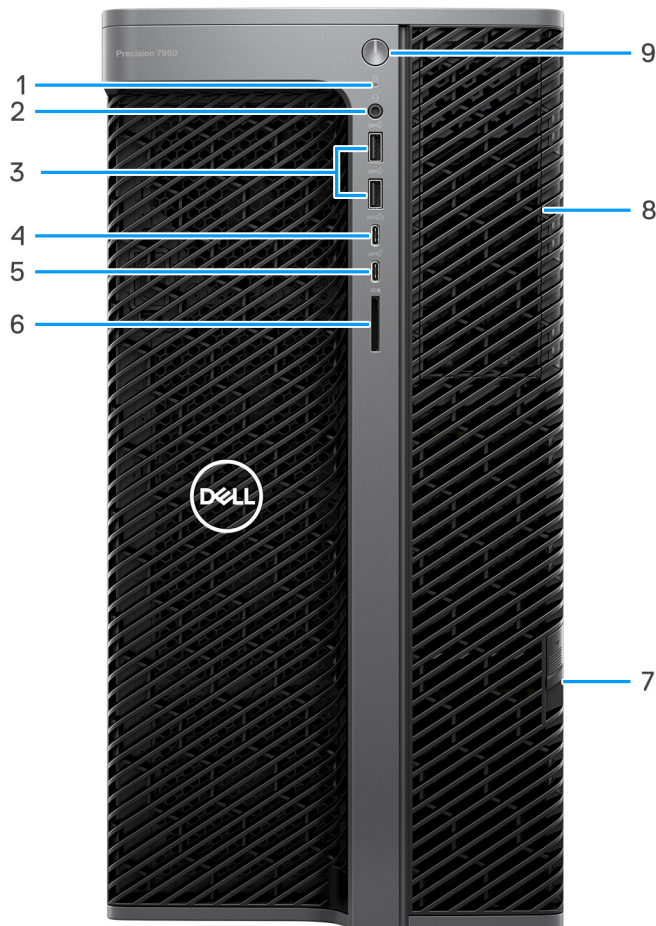
**Table 1. Locate Dell apps (continued)**

Resources	Description
	Centralized location for key Dell applications, help articles, and other important information about your computer. It also notifies you about the warranty status, recommended accessories, and software updates if available.
	<p><b>SupportAssist</b></p> <p>SupportAssist proactively and predictively identifies hardware and software issues on your computer and automates the engagement process with Dell Technical support. It addresses performance and stabilization issues, prevents security threats, monitors, and detects hardware failures. For more information, see <i>SupportAssist for Home PCs User's Guide</i> at <a href="#">Serviceability Tools on the Dell Support Site</a>. Click <b>SupportAssist</b> and then, click <b>SupportAssist for Home PCs</b>.</p> <p> <b>NOTE:</b> In SupportAssist, click the warranty expiry date to renew or upgrade your warranty.</p>
	<p><b>Dell Update</b></p> <p>Updates your computer with critical fixes and latest device drivers as they become available. For more information about using Dell Update, search in the Knowledge Base Resource at <a href="#">Dell Support Site</a>.</p>
	<p><b>Dell Digital Delivery</b></p> <p>Download software applications, which are purchased but not preinstalled on your computer. For more information about using Dell Digital Delivery, search in the Knowledge Base Resource at <a href="#">Dell Support Site</a>.</p>



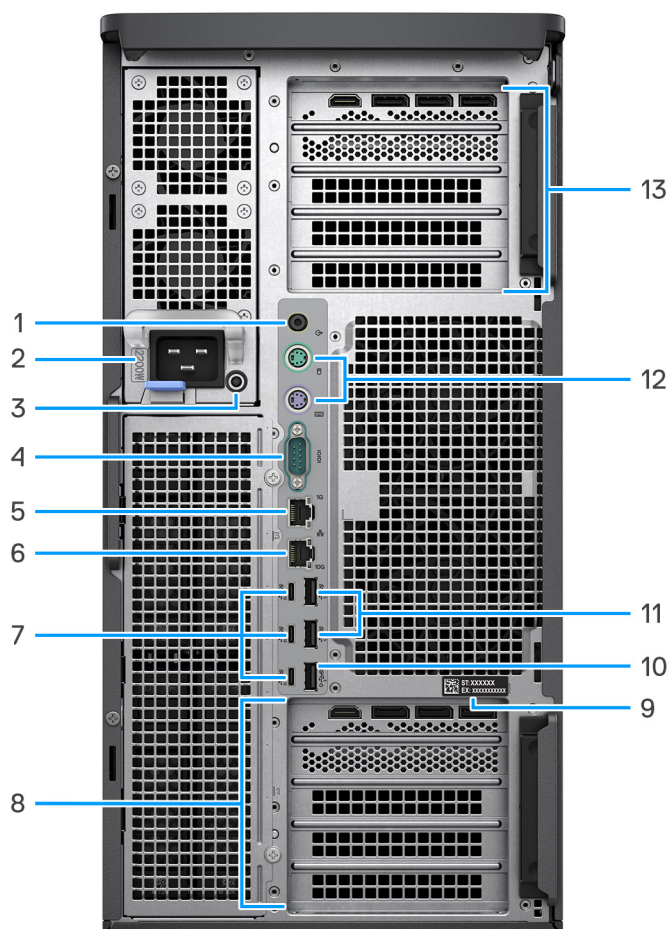
## Views of Precision 7960 Tower

### Front



1. Hard-drive activity indicator
2. Universal audio port
3. USB 3.2 Gen 1 ports
4. USB 3.2 Gen 2x2 Type-C port with PowerShare
5. USB 3.2 Gen 2 Type-C port
6. SD-card slot
7. SATA/SAS/NVMe drive flexbays
8. Optical drive slots
9. Power button

# Back

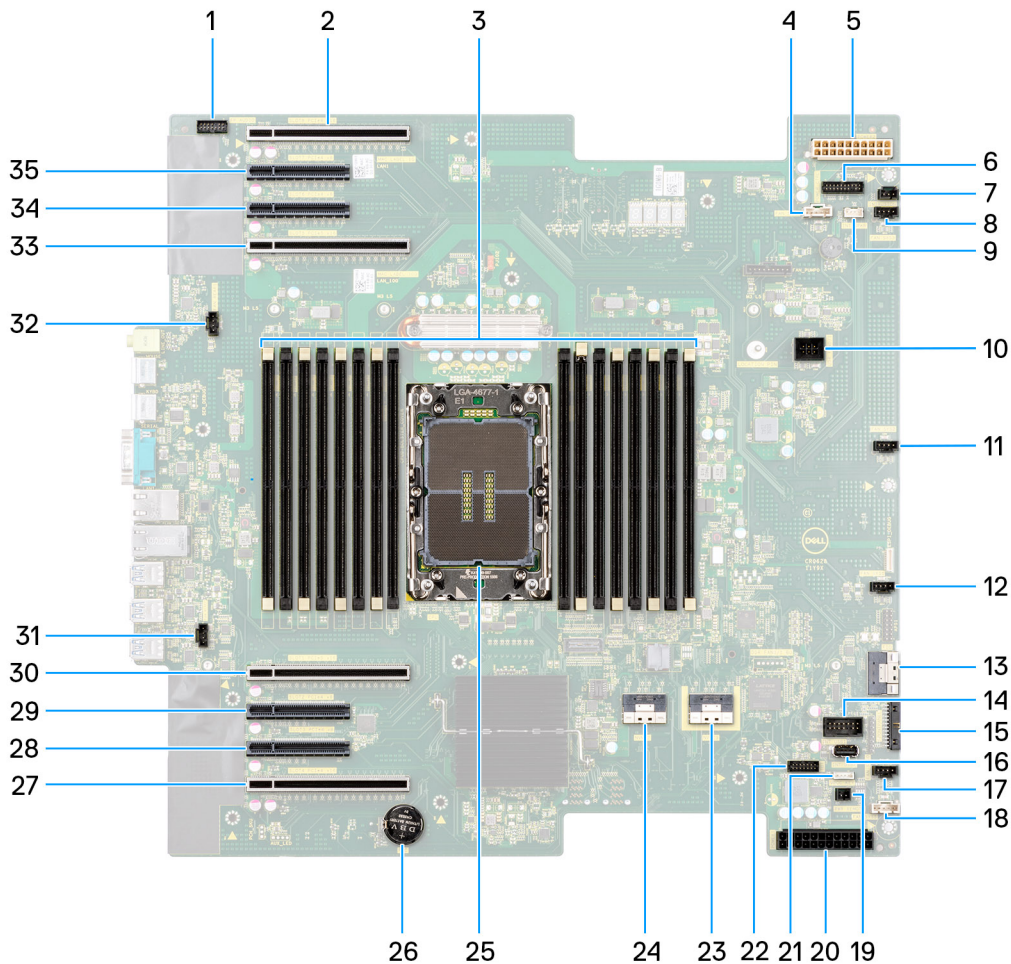


1. Line-out port
2. Power adapter port
3. PSU BIST button and diagnostic light
4. Serial port
5. RJ45 Ethernet port, 1 GbE
6. RJ45 Ethernet port, 10 GbE
7. USB 3.2 Gen 2 Type-C ports
8. Expansion card slots
9. Service tag
10. USB 3.2 Gen 1 port with Smart Power On
11. USB 3.2 Gen 1 ports
12. PS2 ports (for keyboard and mouse)
13. Expansion card slots

# System-board call outs

This topics provides detailed call outs for the connectors on the system board:

## System-board call outs (front side)



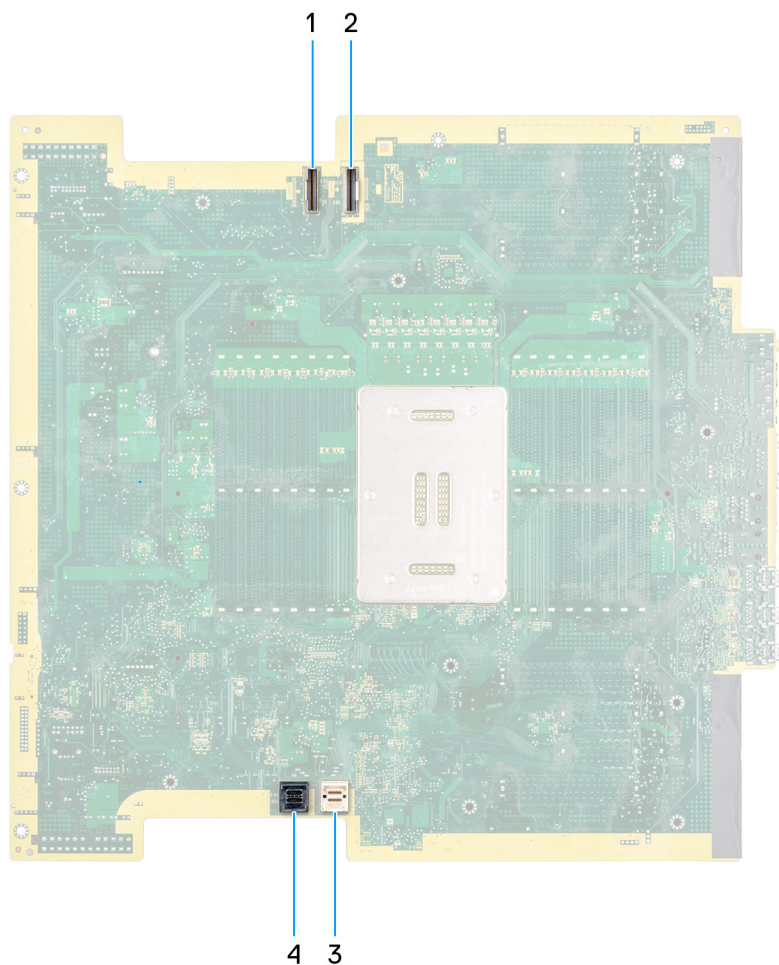
**Table 2. Precision 7960 tower system board callouts (front side)**

No	Connector	Description
1	FP AUDIO	Front panel audio-cable connector
2	SLOT8	PCI Express Gen 4 x16 slot
3	DIMMx16 (DIMM1—DIMM16)	Memory module connectors
4	FAN SYS4	System fan connector
5	POWER2	Power cable connector
6	POWER CRTL	Power controller switch connector
7	INTRUSION	Intrusion switch connector
8	FAN SYS3	System fan connector
9	INT SPKR	Internal-speaker connector
10	DDR FAN 0/1	Memory-module fan connector

**Table 2. Precision 7960 tower system board callouts (front side) (continued)**

No	Connector	Description
11	FAN SYS2	System fan connector
12	FAN SYS1	System fan connector
13	FIO	Front I/O-daughter board connector
14	INT USB1	Internal USB 2.0
15	FRONTPANEL	Front I/O-power connector
16	INT USB2	Internal USB 2.0
17	FAN SYS0	System fan connector
18	FAN SYS5	System fan connector
19	PWR REMOTE	Power remote connector
20	POWER1	Intel Virtual RAID on CPU
21	VROC Key	VROC key connector
22	TBT	Thunderbolt add-in card connector
23	REAR NVME2-3	Rear NVMe connector for externally facing M.2 flexbay drive
24	REAR NVME0-1	Rear NVMe connector for externally facing M.2 flexbay drive
25	CPU	Processor socket
26	RTC	Coin-cell battery
27	SLOT4	PCI Express Gen 4 x16 slot
28	SLOT3	PCI Express Gen 4 x8 slot wired as x4 electrically
29	SLOT2	PCI Express Gen 4 x8 slot wired as x4 electrically
30	SLOT1	PCI Express Gen 5 x16 slot
31	FAN REAR0	Rear Fan 0
32	FAN REAR1	Rear Fan 1
33	SLOT5	PCI Express Gen 5 x16 slot
34	SLOT6	PCI Express Gen 4 x8 slot
35	SLOT7	PCI Express Gen 4 x8 slot

## System-board call outs (rear side)



**Table 3. Precision 7960 tower system board callouts (rear side)**


No	Connector	Description
1	Front NVME0-1 (rear access)	Front NVMe connector for externally facing M.2 flexbay drive
2	Front NVME2-3 (rear access)	Front NVMe connector for externally facing M.2 flexbay drive
3	SATA 4-7 (rear access)	SATA hard drive data-cable connector
4	SATA 0-3 (rear access)	SATA hard drive data-cable connector

# Specifications of Precision 7960 Tower

## Dimensions and weight

The following table lists the height, width, depth, and weight of your Precision 7960 Tower.

**Table 4. Dimensions and weight**

Description	Values
Height	430.70 mm (16.96 in.) / 434.20 mm (17.09 in.) with rubber feet
Width	218.00 mm (8.58 in.)
Depth	538.30 mm (21.19 in.) / 569.15 mm (22.41 in.) with lock structure
Weight  <b>NOTE:</b> The weight of your computer depends on the configuration ordered and manufacturing variability.	<ul style="list-style-type: none"> <li>37.56 kg (82.82 lbs.) — maximum</li> <li>23.81 kg (52.50 lbs.) — typical</li> <li>21.04 kg (46.39 lbs.) — minimum</li> </ul>

## Processor

The following table lists the details of the processors that are supported by your Precision 7960 Tower.

**Table 5. Processor**

Processor type	Processor wattage	Processor core count	Processor thread count	Processor speed	Processor cache
Intel Xeon W5-3423	220 W	12	24	2.10 GHz to 4.20 GHz	30 MB
Intel Xeon W5-3425	270 W	12	24	3.20 GHz to 4.60 GHz	30 MB
Intel Xeon W5-3433	220 W	16	32	2.0 GHz to 4.20 GHz	45 MB
Intel Xeon W5-3435X	270 W	16	32	3.10 GHz to 4.70 GHz	45 MB
Intel Xeon W7-3445	270 W	20	40	2.60 GHz to 4.80 GHz	52.5 MB
Intel Xeon W7-3455	270 W	24	48	2.50 GHz to 4.80 GHz	67.5 MB
Intel Xeon W7-3465X	300 W	28	56	2.50 GHz to 4.80 GHz	75 MB
Intel Xeon W9-3475X	300 W	36	72	2.20 GHz to 4.80 GHz	82.5 MB



**Table 5. Processor (continued)**

Processor type	Processor wattage	Processor core count	Processor thread count	Processor speed	Processor cache
Intel Xeon W9-3495X	350 W	56	112	1.90 GHz to 4.80 GHz	105 MB
Intel Xeon W5-3525	290 W	16	32	3.20 GHz to 4.80 GHz	45 MB
Intel Xeon W5-3535X	300 W	20	40	2.90 GHz to 4.80 GHz	52.5 MB
Intel Xeon W7-3545	310 W	24	48	2.70 GHz to 4.80 GHz	67.5 MB
Intel Xeon W7-3555	325 W	28	56	2.70 GHz to 4.80 GHz	75 MB
Intel Xeon W7-3565X	335 W	32	64	2.50 GHz to 4.80 GHz	82.5 MB
Intel Xeon W9-3575X	340 W	44	88	2.20 GHz to 4.80 GHz	97.5 MB
Intel Xeon W9-3595X	385 W	60	120	2.00 GHz to 4.80 GHz	112.5 MB

## Chipset

The following table lists the details of the chipset supported by your Precision 7960 Tower.

**Table 6. Chipset**

Description	Values
Chipset	Intel W790
Processor	Intel Xeon W5/W7/W9 processors
DRAM bus width	<ul style="list-style-type: none"> <li>64-bit (for single-channel)</li> <li>128-bit (for dual-channel)</li> </ul>
Flash EPROM	<ul style="list-style-type: none"> <li>16 MB (nRPMC)</li> <li>32 MB (RPMC)</li> </ul>
PCIe bus	Up to Gen5
Non-volatile memory	Yes
BIOS configuration Serial Peripheral Interface (SPI)	256 Mbit (32 MB) located at SPI_FLASH
Trusted Platform Module (TPM) 2.0 (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 operating system.
NIC EEPROM	LOM configuration contained within SPI flash ROM instead of LOM e-fuse

## Operating system

Your Precision 7960 Tower supports the following operating systems:

- Windows 11 Pro for Workstations
- Windows 11 Pro for Workstations Downgrade (Windows 10 Pro for Workstations Image-factory installed)
- Windows 10 CMIT Government Edition, 64-bit (China only)
- Ubuntu 22.04 LTS, 64-bit
- Red Hat Enterprise Linux 8.6 and 9.3 (depending on the processor)

## Memory

The following table lists the memory specifications of your Precision 7960 Tower.

**Table 7. Memory specifications**

Description	Values
Memory slots	16 DIMMS
Memory type	DDR5
Memory speed	4800 MT/s
Maximum memory configuration	4 TB
Minimum memory configuration	16 GB
Memory size per slot	16 GB, 32 GB, 64 GB, 128 GB, 256 GB
Memory configurations supported	<ul style="list-style-type: none"> <li>• 16 GB, 1 x 16 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 32 GB, 1 x 32 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 32 GB, 2 x 16 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 64 GB, 1 x 64 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 64 GB, 2 x 32 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 64 GB, 4 x 16 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 96 GB, 6 x 16 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 128 GB, 2 x 64 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 128 GB, 4 x 32 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 128 GB, 8 x 16 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 192 GB, 6 x 32 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 192 GB, 12 x 16 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 256 GB, 4 x 64 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 256 GB, 16 x 16 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 384 GB, 6 x 64 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 384 GB, 12 x 32 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 512 GB, 2 x 256 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 512 GB, 4 x 128 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 512 GB, 8 x 64 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 512 GB, 16 x 32 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 768 GB, 6 x 128 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 768 GB, 12 x 64 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 1 TB, 4 x 256 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 1 TB, 8 x 128 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 1 TB, 16 x 64 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 1.5 TB, 6 x 256 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 1.5 TB, 12 x 128 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 2 TB, 8 x 256 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 2 TB, 16 x 128 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 3 TB, 12 x 256 GB, DDR5 RDIMM, 4800 MT/s</li> <li>• 4 TB, 16 x 256 GB, DDR5 RDIMM, 4800 MT/s</li> </ul>



**i NOTE:**

- When 12<sup>th</sup> or 16<sup>th</sup> memory DIMM slots are populated in your computer, the 4800 MT/s memory speed will clock down to 4400 MT/s.
- Intel Xeon W5-3423 and W5-3433 processors support memory speed up to 4400 MT/s on all configurations.

## Memory matrix

The following table lists the memory configurations supported on your Precision 7960 Tower.

**i NOTE:** Ensure that you install the memory module starting from DIMM 1 slot.

**Table 8. Memory matrix**

Configurations	DIM M 8	DIM M 16	DIM M 2	DIM M 10	DIM M 6	DIM M 14	DIM M 4	DIM M 12	DIM M 9	DIM M 1	DIM M 15	DIM M 7	DIM M 11	DIM M 3	DIM M 13	DIM M 5
16 GB DDR5	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-
32 GB DDR5	-	-	-	-	-	-	-	-	-	32	-	-	-	-	-	-
32 GB DDR5	-	-	16	-	-	-	-	-	-	16	-	-	-	-	-	-
64 GB DDR5	-	-	-	-	-	-	-	-	-	64	-	-	-	-	-	-
64 GB DDR5	-	-	32	-	-	-	-	-	-	32	-	-	-	-	-	-
64 GB DDR5	-	-	16	-	-	-	16	-	-	16	-	-	-	16	-	-
96 GB DDR5	-	-	16	-	16	-	16	-	-	16	-	-	-	16	-	16
128 GB DDR5	16	-	16	-	16	-	16	-	-	16	-	16	-	16	-	16
128 GB DDR5	-	-	32	-	-	-	32	-	-	32	-	-	-	32	-	-
128 GB DDR5	-	-	64	-	-	-	-	-	-	64	-	-	-	-	-	-
192 GB DDR5	16	-	16	16	16	-	16	16	16	16	-	16	16	16	-	16
192 GB DDR5	-	-	32	-	32	-	32	-	-	32	-	-	-	32	-	32
256 GB DDR5	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
256 GB DDR5	-	-	64	-	-	-	64	-	-	64	-	-	-	64	-	-
384 GB DDR5	32	-	32	32	32	-	32	32	32	32	-	32	32	32	-	32
384 GB DDR5	-	-	64	-	64	-	64	-	-	64	-	-	-	64	-	64
512 GB DDR5	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
512 GB DDR5	64	-	64	-	64	-	64	-	-	64	-	64	-	64	-	64

**Table 8. Memory matrix (continued)**

Configurations	DIM M 8	DIM M 16	DIM M 2	DIM M 10	DIM M 6	DIM M 14	DIM M 4	DIM M 12	DIM M 9	DIM M 1	DIM M 15	DIM M 7	DIM M 11	DIM M 3	DIM M 13	DIM M 5
768 GB DDR5	64	-	64	64	64	-	64	64	64	64	-	64	64	64	-	64
1 TB DDR5	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
1 TB DDR5	128	-	128	-	128	-	128	-	-	128	-	128	-	128	-	128
1 TB DDR5	-	-	256	-	-	-	256	-	-	256	-	-	-	256	-	-
1.5 TB DDR5	128	-	128	128	128	-	128	128	128	128	-	128	128	128	-	128
1.5 TB DDR5	-	-	256	-	256	-	256	-	-	256	-	-	-	256	-	256
2 TB DDR5	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
2 TB DDR5	256	-	256	-	256	-	256	-	-	256	-	256	-	256	-	256
3 TB DDR5	256	-	256	256	256	-	256	256	256	256	-	256	256	256	-	256
4 TB DDR5	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256

## External ports and slots

The following table lists the external ports and slots on your Precision 7960 Tower.

**Table 9. External ports and slots**

Description	Values
Network port	<ul style="list-style-type: none"> <li>One RJ45 Ethernet port, 1 GbE</li> <li>One RJ45 Ethernet port, 10 GbE</li> </ul>
USB ports	<b>Front:</b> <ul style="list-style-type: none"> <li>Two USB 3.2 Gen 1 ports</li> <li>One USB 3.2 Gen 2x2 Type-C port with PowerShare</li> <li>One USB 3.2 Gen 2 Type-C port</li> </ul> <b>Rear:</b> <ul style="list-style-type: none"> <li>Three USB 3.2 Gen 2 Type-C ports</li> <li>Two USB 3.2 Gen 1 ports</li> <li>One USB 3.2 Gen 1 port with Smart Power On</li> </ul>
Audio port	<ul style="list-style-type: none"> <li>One universal audio jack</li> <li>One Line-out port</li> </ul>
Video port(s)	Not supported
Media-card reader	Not supported
Power-adaptor port	Not supported
Security-cable slot	<ul style="list-style-type: none"> <li>One kensington security-cable slot</li> <li>One padlock ring</li> </ul>

## Internal slots

The following table lists the internal slots of your Precision 7960 Tower.

**Table 10. Internal slots**

Description	Values
Expansion	<ul style="list-style-type: none"><li>Two full-height Gen5 PCIe x16 slots</li><li>Two full-height Gen4 PCIe x16 slots</li><li>Two full-height Gen4 PCIe x8 slots</li><li>Two full-height, half-length Gen4 PCIe x8 slots wired as x4 electrically</li></ul>
mSATA	NA
SATA/SAS/NVMe	<ul style="list-style-type: none"><li>Eight externally facing (four front and four rear) storage flexbays with optical drive configuration</li><li>Ten externally facing (six front and four rear) storage flexbays without optical drive configuration</li><li>Up to 8 M.2 NVMe drives (four front and four rear)</li></ul>
M.2	NA

## Slot capabilities of Precision 7690 Tower


The following table provides the slot capabilities of your Precision 7960 Tower.

**Table 11. Slot capabilities of Precision 7690 Tower**

Slot number	Precision 7690 Tower	Note
Slot1	PCIe G5 x16 (Processor)	PCIe x16 Slot G5
Slot2	PCIe Gen4 x4 (PCH)	PCIe x8 Slot Gen4 (wired x4--open ended)
Slot3	PCIe Gen4 x4 (PCH)	PCIe x8 Slot Gen4 (wired x4--open ended)
Slot4	PCIe Gen4 x16 (Processor)	PCIe x16 Slot G4
Slot5	PCIe G5 x16 (Processor)	PCIe x16 Slot G5
Slot6	PCIe Gen4 x8 (Processor)	PCIe x8 Slot Gen4 (wired x8--open ended)
Slot7	PCIe Gen4 x8 (Processor)	PCIe x8 Slot Gen4 (wired x8--open ended)
Slot8	PCIe Gen4 x16 (Processor)	PCIe x16 Slot G4



**Table 13. Wireless module specifications (continued)**

Description	Values
Frequency bands supported	2.4 GHz/5 GHz/6 GHz
Wireless standards	<ul style="list-style-type: none"> <li>• WiFi 802.11a/b/g</li> <li>• Wi-Fi 4 (WiFi 802.11n)</li> <li>• Wi-Fi 5 (WiFi 802.11ac)</li> <li>• Wi-Fi 6E (WiFi 802.11ax)</li> </ul>
Encryption	<ul style="list-style-type: none"> <li>• 64-bit/128-bit WEP</li> <li>• AES-CCMP</li> <li>• TKIP</li> </ul>
Bluetooth wireless card  <b>NOTE:</b> The functionality of the Bluetooth wireless card may vary based on the operating system.	Bluetooth 5.3

## Audio

The following table lists the audio specifications of your Precision 7960 Tower.

**Table 14. Audio specifications**

Description	Values
Audio controller	Realtek ALC3246-CGT
Stereo conversion	Supported (Front panel single universal audio jack)
Internal audio interface	High definition audio interface
External audio interface	Line-out (re-taskable)
Number of speakers	One
Internal-speaker amplifier	Supported
External volume controls	No hardware volume buttons
Speaker output:	
	Average
	Peak
Microphone	Not applicable

## Storage

This section lists the storage options on your Precision 7960 Tower.

**Table 15. Storage specifications**

Storage type	Interface type	Capacity
2.5-inch, 7200 RPM, HDD	SATA 3.0	500 GB

**Table 15. Storage specifications (continued)**

Storage type	Interface type	Capacity
3.5-inch, 7200 RPM, HDD	SATA 3.0	1 TB
M.2 2280, Class 40 SSD	PCIe NVMe Gen4 x4	Up to 4 TB
M.2 2280, Class 40 SSD, Self Encrypting Opal 2.0	PCIe NVMe Gen4 x4	512 GB/1 TB
2.5-inch, 10000 RPM, SAS, Enterprise HDD	SATA 3.0	Up to 2.4 TB
2.5-inch, 15000 RPM, SAS, Enterprise HDD	SATA 3.0	600 GB
3.5-inch, 7200 RPM, SATA, Enterprise HDD	SATA 3.0	Up to 12 TB
2.5-inch, MU, SATA, SSD	SATA	1.92 TB

## Storage matrix

The following table lists the storage configurations supported on your Precision 7960 Tower.

**Table 16. Storage matrix—1**

Storage description	Flex 0		Flex 1		Flex 2		Flex 3		Flex 4		Zoom
	HDD0	HDD1	HDD2	HDD3	HDD4	HDD5	Rear HDD0	Rear HDD1	Rear HDD2	Rear HDD3	
Flex PCIe Non-RAID Boot (Intel)	PCIe	PCIe	PCIe	PCIe	ODD/NA		PCIe	PCIe	PCIe	PCIe	N
Flex PCIe Non-RAID Boot (Intel) + SATA (Intel) - 4 pcs PCIe	PCIe	PCIe	PCIe	PCIe	ODD/NA SATA		SATA/ SAS	SATA/ SAS	SATA/ SAS	SATA/ SAS	N
Flex PCIe Non-RAID Boot (Intel) + SATA (Intel) - 2 pcs PCIe	SATA	SATA	PCIe	PCIe	NA		SATA/ SAS	SATA/ SAS	SATA/ SAS	SATA/ SAS	N
Flex PCIe Non-RAID Boot (Intel)	PCIe	PCIe	PCIe	PCIe	ODD/NA		NA				N
Flex PCIe RAID Boot (Intel)	PCIe	PCIe	PCIe	PCIe	ODD/NA		NA				N
Zoom Boot JBOD + SATA (Intel)	SATA	SATA	SATA	SATA	ODD/NA		SATA	SATA	SATA	SATA	Y
Zoom Boot JBOD +	SATA/ SAS	SATA/ SAS	SATA/ SAS	SATA/ SAS	ODD/NA		SATA/ SAS	SATA/ SAS	SATA/ SAS	SATA/ SAS	Y

**Table 16. Storage matrix—1 (continued)**

Storage description	Flex 0		Flex 1		Flex 2	Flex 3		Flex 4		Zoom
SATA/SAS (MegaRAID)					SATA/SAS					

**Table 17. Storage matrix—2**

Zoom	SSD location			
Description	SSD0	SSD1	SSD2	SSD3
Zoom2 Non-RAID	Yes	No	No	No
Zoom2 Non-RAID	Yes	Yes	No	No
Zoom4 Non-RAID	Yes	No	No	No
Zoom4 Non-RAID	Yes	Yes	No	No
Zoom4 Non-RAID	Yes	Yes	Yes	No
Zoom4 Non-RAID	Yes	Yes	Yes	Yes

**Table 18. Storage matrix—3**

Zoom Boot	SSD location			
Description	SSD0	SSD1	SSD2	SSD3
Zoom2 Non-RAID Boot	Yes (Boot)	No	No	No
Zoom2 Non-RAID Boot	Yes (Boot)	Yes	No	No
Zoom4 Non-RAID Boot	Yes (Boot)	No	No	No
Zoom4 Non-RAID Boot	Yes (Boot)	Yes	No	No
Zoom4 Non-RAID Boot	Yes (Boot)	Yes	Yes	No
Zoom4 Non-RAID Boot	Yes (Boot)	Yes	Yes	Yes

## RAID (Redundant Array of Independent Disks)

For optimal performance when configuring drives as a RAID volume, Dell Technologies recommends drive models that are identical.

RAID 0 (Striped, Performance) volumes benefit from higher performance when drives are matched because the data is split across multiple drives: any I/O operations with block sizes larger than the stripe size splits the I/O and become constrained by the slowest of the drives. For RAID 0 I/O operations where block sizes are smaller than the stripe size, whichever drive the I/O operation targets determine the performance, which increases variability and results in inconsistent latencies. This variability is particularly pronounced for write operations, and it can be problematic for applications that are latency sensitive. One such example of this is any application that performs thousands of random writes per second in small block sizes.

RAID 1 (Mirrored, Data Protection) volumes benefit from higher performance when drives are matched because the data is mirrored across multiple drives: all I/O operations must be performed identically to both drives, thus variations in drive performance when the models are different, results in the I/O operations completing only as fast as the slowest drive. While this does not suffer the variable latency issue in small random I/O operations as with RAID 0 across heterogeneous drives, the impact is nonetheless large because the higher performing drive becomes limited in all I/O types. One of the worst examples of constrained performance here is when using unbuffered I/O. To ensure that writes are fully committed to nonvolatile regions of the RAID volume, unbuffered I/O bypasses cache (for example by using the Force Unit Access bit in the NVMe protocol) and

the I/O operation will not complete until all the drives in the RAID volume have completed the request to commit the data. This kind of I/O operation completely negates any advantage of a higher performing drive in the volume.

RAID 5 provides better performance by using data striping and protection through parity. The disadvantage of RAID 5 is that rebuilding a large RAID 5 volume requires a longer time. The following are the key features of RAID 5:

- Requires at least three drives.
- Data is available even if one of the drives present in the volume fails. The failed drive must be replaced, and the volume must be rebuilt for the data to be accessible.
- The total capacity is N-1, where N is the total capacity of the drives in the array. For example, if you use three 1 TB drives in a RAID 5 array, the total volume size is 2 TB.

RAID 10 is a stripe of mirrors that combines the features of RAID 0 and RAID 1. As the blocks are striped and mirrored, the performance and redundancy are higher. The disadvantage of RAID 10 is that it is more expensive than other RAID levels, with a higher number of drives required. The following are the key features of RAID 10:

- Requires a minimum of four drives. Only an even number of drives can be used, and an odd number of drives are not possible.
- The total volume capacity is half the sum of individual drive capacity. For example, when you use four drives of 1 TB, you get a RAID 10 volume of 2 TB.

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 even within the same class, can have different performance characteristics for certain types of I/O operations. Thus, matching by model ensures that the RAID volumes are consisted of a homogeneous array of drives that deliver all the benefits of a RAID volume without incurring the additional penalties when one or more drives in the volume are lower performing.

Precision 7960 Tower supports RAID with more than one hard drive configuration.

#### **Disk Coercion :**

Intel VROC family of product provides support for Disk Coercion. When a RAID volume is created, this feature analyzes the hard drives and automatically adjusts (round down) the capacity of the disks to 95% of the smallest hard drive. This allows for the variances in the hard drive capacities from different vendors.

The VROC UI either Windows VROC Application UI or CLI tool for manufacturing provides you with an option to manually override to allow you to use all available disk space.

## **MegaRAID 9660-16i card**

The following table lists the MegaRAID 9660-16i card specifications.

**Table 19. MegaRAID 9660-16i specifications**

Description	Values
Adapter type	MegaRAID
Ports	16 internal
Storage controller	SAS4116 ROC
PCIe host interface	x8, Gen 4.0
Storage interface	Gen 4.0 PCIe (NVMe), 24 Gb/s SAS, 6 Gb/s SATA
RAID levels	0, 1, 10, 5, 50, 6, 60
Max SAS/SATA PDs	240
Max NVMe PDs	32
Connectors	2 x8 SFF-8654
Form factor	LP-MD2
Dimensions	155.52 mm (± 0.13 mm) x 68.77 mm (± 0.13 mm)
Typical power	20 W
Operating conditions	250 LFM at 55°C



**Table 19. MegaRAID 9660-16i specifications (continued)**

Description	Values
Energy backup	CVPM05 (FBU345)
Security	HW Secure Boot and Attestation
Driver	Unified MPI3 Driver
Operating system supported	<ul style="list-style-type: none"> <li>• Windows</li> <li>• VMware vSphere/ESXi</li> <li>• Red Hat Enterprise Linux</li> <li>• SuSE Linux</li> <li>• Ubuntu Linux</li> <li>• Citrix XenServer</li> <li>• CentOS Linux</li> <li>• Debian Linux</li> <li>• Oracle Enterprise Linux</li> <li>• Fedora</li> <li>• FreeBSD</li> </ul>

## MegaRAID 9540-8i card

The following table lists the MegaRAID 9540-8i card specifications.

**Table 20. MegaRAID 9540-8i specifications**

Description	Values
Adapter type	MegaRAID
Ports	8 internal
Storage controller	SAS3808
PCIe host interface	x8 PCIe Gen 4.0
Storage interface	12 Gb/s SAS, 6 Gb/s SATA, Gen 4.0 PCIe (NVMe)
RAID levels	0, 00, 1, 10
Max Devices Per Controller	SAS/SATA: 63 NVMe: 4
Connectors	One x8 SFF-8654
Dimensions	155.52 mm (± 0.13 mm) x 68.77 mm (± 0.13 mm)
Typical power	6.0 W
Operating conditions	12 V ±8%; 3.3 V ±9%
Operating system supported	<ul style="list-style-type: none"> <li>• Windows</li> <li>• VMware vSphere/ESXi</li> <li>• Red Hat Enterprise Linux</li> <li>• SuSE Linux</li> <li>• Ubuntu Linux</li> <li>• Citrix XenServer</li> <li>• CentOS Linux</li> <li>• Debian Linux</li> <li>• Oracle Enterprise Linux</li> <li>• Fedora</li> </ul>


**Table 20. MegaRAID 9540-8i specifications (continued)**

Description	Values
	<ul style="list-style-type: none"> <li>FreeBSD</li> </ul>

## Media-card reader

The following table provides the specification of media cards that are supported by your Precision 7960 Tower.

**Table 21. Media-card reader specifications**

Description	Values
Media-card slot type	One SD card slot
Media-cards supported	<ul style="list-style-type: none"> <li>Secure Digital (SD)</li> <li>Secure Digital High Capacity (SDHC)</li> <li>Secure Digital Extended Capacity (SDXC)</li> </ul>
<p> <b>NOTE:</b> The maximum capacity of the media-card reader varies depending on the standard of the media card that is inserted in your computer.</p>	

## Power ratings

The following table lists the power rating specifications of Precision 7960 Tower.

**Table 22. Power ratings**

Description	Option one	Option two
Type	1100 W/1400 W Gold internal power supply unit	1500 W/2200 W Platinum internal power supply unit
<b>PSU dimension</b>		
Hieght	63 mm (2.48 in.)	63 mm (2.48 in.)
Width	160 mm (6.29 in.)	160 mm (6.29 in.)
Depth	225 mm (8.85 in.)	225 mm (8.85 in.)
Input voltage	90 Vac - 264 Vac	90 Vac - 264 Vac
Input frequency	47 Hz - 63 Hz	47 Hz - 63 Hz
Input current (maximum)	15 A	16 A
Output current (continuous)	90 Vac~180 Vac (1100 W) <ul style="list-style-type: none"> <li>12 VDC/91.6 A</li> <li>-12 VDC/0.5 A</li> <li>12 VSBDC/8 A</li> </ul> 180.1 Vac~264 Vac (1400 W) <ul style="list-style-type: none"> <li>12 V/116.7 A</li> <li>-12 VDC/0.5 A</li> <li>12 VSBDC/8 A</li> </ul>	90 Vac~114.9 Vac (1200 W) <ul style="list-style-type: none"> <li>12 VDC/98.37 A</li> <li>-12 VDC/0.5 A</li> <li>12 VSBDC/8 A</li> </ul> 115 Vac~179.9 Vac (1500 W) <ul style="list-style-type: none"> <li>12 V/122.96 A</li> <li>-12 VDC/0.5 A</li> <li>12 VSBDC/8 A</li> </ul> 180 Vac~264 Vac (2200 W) <ul style="list-style-type: none"> <li>12 VDC/180.33 A</li> <li>-12 VDC/0.5 A</li> <li>12 VSBDC/8 A</li> </ul>
Rated output voltage	<ul style="list-style-type: none"> <li>12 VDC</li> </ul>	<ul style="list-style-type: none"> <li>12 VDC</li> </ul>

**Table 22. Power ratings (continued)**

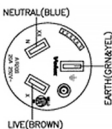
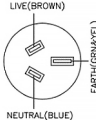

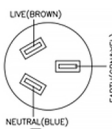
Description		Option one	Option two
		<ul style="list-style-type: none"> <li>-12 VDC</li> <li>12 VSBDC</li> </ul>	<ul style="list-style-type: none"> <li>-12 VDC</li> <li>12 VSBDC</li> </ul>
Temperature range			
	Operating	5°C to 50°C (41°F to 122°F ) Standby—40°C (104°F)	5°C to 50°C (41°F to 122°F ) Standby—40°C (104°F)
	Storage Minimum	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)

## Power cord


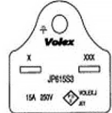
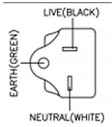
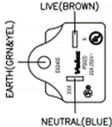
This section lists the power-cord plug types for 1500 W/2200 W PSU on your Precision 7960 Tower that is based on the countries shipped.

**NOTE:** The 1500 W/2200 W PSUs have C20 cords and require a 20 A circuit at 115 V or a 220 V circuit. The power supply units are externally accessible, removal, and lockable.


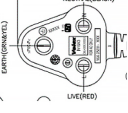
**Table 23. Power-cord plug types**

Power-cord style	Plug type	Affected countries
Argentina	 <p><b>Figure 2. Argentina</b></p>	Argentina
Australia	 <p><b>Figure 3. Australia</b></p>	<ul style="list-style-type: none"> <li>Australia</li> <li>Christmas Island</li> <li>Cook Islands</li> <li>Fiji</li> <li>Kiribati</li> <li>Nauru</li> <li>New Zealand</li> <li>Papua New Guinea</li> <li>Pitcairn</li> <li>Tonga</li> <li>Tuvalu</li> <li>Uruguay</li> </ul>
Brazil	 <p><b>Figure 4. Brazil</b></p>	Brazil
China	 <p><b>Figure 5. China</b></p>	China

**Table 23. Power-cord plug types (continued)**

Power-cord style	Plug type	Affected countries
Italy	 <p><b>Figure 6. Italy</b></p>	<ul style="list-style-type: none"> <li>• Chile</li> <li>• Holy See</li> <li>• Italy</li> <li>• Uruguay</li> </ul>
Japan—250 V	 <p><b>Figure 7. Japan—250 V</b></p>	<ul style="list-style-type: none"> <li>• Japan</li> </ul>
North America—125 V	 <p><b>Figure 8. North America—125 V</b></p>	<ul style="list-style-type: none"> <li>• Anguilla</li> <li>• American Samoa</li> <li>• Aruba</li> <li>• Bahamas</li> <li>• Barbados</li> <li>• Belize</li> <li>• Bermuda</li> <li>• British Virgin Islands</li> <li>• Canada</li> <li>• Cayman Islands</li> <li>• Colombia</li> <li>• Costa Rica</li> <li>• Dominican Republic</li> <li>• Ecuador</li> <li>• El Salvador</li> <li>• Guam</li> <li>• Guatemala</li> <li>• Haiti</li> <li>• Honduras</li> <li>• Jamaica</li> <li>• North Mariana</li> <li>• Marshall Island</li> <li>• Mexico</li> <li>• Nicaragua</li> <li>• Palau</li> <li>• Panama</li> <li>• Philippines</li> <li>• Puerto Rico</li> <li>• Samoa</li> <li>• St. Maarten</li> <li>• Trinidad and Tobago</li> <li>• Turks and Caicos</li> <li>• United States</li> <li>• US Virgin Islands</li> <li>• Venezuela</li> <li>• Vietnam</li> </ul>
North America—250 V	 <p><b>Figure 9. North America—250 V</b></p>	

**Table 23. Power-cord plug types (continued)**

Power-cord style	Plug type	Affected countries
Switzerland	 <p>Figure 10. Switzerland</p>	<ul style="list-style-type: none"> <li>• Liechtenstein</li> <li>• Switzerland</li> </ul>
India	 <p>Figure 11. India</p>	India

## Power supply connector

The following table lists the Power supply connector specifications of your Precision 7960 Tower.

**Table 24. Power supply connector**

Power supply unit	PSU's connection	Power Distribution Board
1100 W/1400 W Gold internal power supply unit	PCB Golden finger to conduct with power distribution board	<ul style="list-style-type: none"> <li>• Four 8-pin (6+2) auxiliary connectors for expansion cards</li> <li>• One 20-pin power cable connection with system board</li> <li>• One 24-pin power cable connection with SAS/Optical drive</li> <li>• One dedicated PSU connector</li> </ul>
1500 W/2200 W Platinum internal power supply unit	PCB Golden finger to conduct with power distribution board	<ul style="list-style-type: none"> <li>• Eight 8-pin (6+2) auxiliary connectors for expansion cards</li> <li>• One 20-pin power cable connection with system board</li> <li>• One 24-pin power cable connection with SAS/Optical drive</li> <li>• One dedicated PSU connector</li> </ul>

## GPU—Discrete

The following table lists the specifications of the discrete Graphics Processing Unit (GPU) supported by your Precision 7960 Tower.

**Table 25. GPU—Discrete**

Controller	Memory size	Memory type
AMD Radeon PRO W6300	2 GB	GDDR6
AMD Radeon PRO W6400	4 GB	GDDR6
AMD Radeon PRO W6600	8 GB	GDDR6
AMD Radeon PRO W7500	8 GB	GDDR6
AMD Radeon PRO W7600	8 GB	GDDR6





**Table 25. GPU—Discrete (continued)**

Controller	Memory size	Memory type
AMD Radeon PRO W6800	16 GB	GDDR6
AMD Radeon PRO W7700	16 GB	GDDR6
AMD Radeon PRO W7900	48 GB	GDDR6
NVIDIA T400	4 GB	GDDR6
NVIDIA T1000	8 GB	GDDR6
NVIDIA RTX A2000	12 GB	GDDR6
NVIDIA RTX A4000	16 GB	GDDR6
NVIDIA RTX A4500	20 GB	GDDR6
NVIDIA RTX A5500	24 GB	GDDR6
NVIDIA RTX A6000	48 GB	GDDR6
NVIDIA RTX 4000 Ada	20 GB	GDDR6
NVIDIA RTX 4500 Ada	24 GB	GDDR6
NVIDIA RTX 5000 Ada	32 GB	GDDR6
NVIDIA RTX 6000 Ada	48 GB	GDDR6
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 Max-Q	96 GB	GDDR7
NVIDIA A800	40 GB	HBM2


## Video port resolution

The following table lists the video port resolution for your Precision 7960 Tower.

**Table 26. Video port resolution**

Graphics card	Video ports	Maximum supported resolution
AMD Radeon PRO W6300	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DP's 1.4a and DSC.
AMD Radeon PRO W6400	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DP's 1.4a and DSC.
AMD Radeon PRO W6600	Four DP 1.4 ports	7680 x 4320 @60 Hz
AMD Radeon PRO W7500	Four DP 1.4 ports	7680 x 4320 @60 Hz
AMD Radeon PRO W7600	Four DP 1.4 ports	7680 x 4320 @60 Hz
AMD Radeon PRO W6800	Six mini-DP 1.4 ports	7680 x 4320 @60 Hz
AMD Radeon PRO W7700	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DP's 1.4a and DSC.
AMD Radeon PRO W7900	Three DP 1.4 ports and One mini-DP port	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DP's 1.4a and DSC.

**Table 26. Video port resolution (continued)**

Graphics card	Video ports	Maximum supported resolution
NVIDIA T400	Three mini-DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA T1000	Four mini-DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA RTX A2000	Four mini-DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA RTX A4000	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA RTX A4500	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA RTX A5500	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA RTX A6000	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA RTX 4000 Ada	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA RTX 4500 Ada	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA RTX 5000 Ada	Four DP 1.4 ports	7680 x 4320 @ 24 bpp at 120 Hz  <b>NOTE:</b> Requires two DPs 1.4a and DSC.
NVIDIA RTX 6000 Ada	Four DP 1.4 ports	7680 x 4320 @60 Hz
NVIDIA RTX Pro 4000 Blackwell	Four DP 2.1b ports	7680 x 4320 @100 Hz
NVIDIA RTX Pro 4500 Blackwell	Four DP 2.1b ports	7680 x 4320 @100 Hz
NVIDIA RTX Pro 5000 Blackwell	Four DP 2.1b ports	7680 x 4320 @ 60 Hz
NVIDIA RTX Pro 6000 Blackwell Max-Q	Four DP 2.1b ports	7680 x 4320 @ 60 Hz
NVIDIA A800	N/A	N/A

## Hardware security

The following table lists the hardware security of your Precision 7960 Tower.

**Table 27. Hardware security**

Hardware security
Kensington security-cable slot
Padlock loop
Chassis lock support - Coin locker

**Table 27. Hardware security (continued)**

Hardware security
Chassis intrusion switch
Optional lockable bezels for externally-facing front and rear storage flexbays
TPM 2.0 Discrete Hardware

## Environmental

The following table lists the environmental specifications of your Precision 7960 Tower.

**Table 28. Environmental**

Feature	Values
Recyclable packaging	Yes
EPEAT 2018 Gold for selected configuration	Yes
BFR/PVC—free	No
Vertical orientation packaging support	Yes
Multi-Pack packaging	No
Energy-Efficient Power Supply	Standard
ENV0424 compliant	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 2018.

## Regulatory compliance

The following table lists the regulatory compliance of your Precision 7960 Tower.

**Table 29. Regulatory compliance**

Regulatory compliance
<a href="#">Product Safety, EMC and Environmental Datasheets</a>
<a href="#">Dell Regulatory Compliance Home page</a>
<a href="#">Dell and the Environment</a>

## Operating and storage environment

This table lists the operating and storage specifications of your Precision 7960 Tower.


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

**Table 30. Computer environment**

Description	Operating	Storage
Temperature range	5°C to 35°C (41°F to 95°F)	-40°C to 65°C (-40°F to 149°F)
Relative humidity (maximum)	10% to 90% (non-condensing)	0% to 95% (non-condensing)



**Table 30. Computer environment (continued)**

Description	Operating	Storage
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	110 G†	160 G†
Altitude range	-15.2 m to 3048 m (-49.87 ft to 10000 ft)	-15.2 m to 10668 m (-49.87 ft to 35000 ft)
 <b>CAUTION:</b> 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.

# 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 31. Self-help resources**

Self-help resources	Resource location
Information about Dell products and services	<a href="#">Dell Site</a>
Contact Support	In Windows search, type <code>Contact Support</code> , and press Enter.
Online help for operating system	<a href="#">Windows Support Site</a> <a href="#">Linux Support Site</a>
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 <a href="#">Dell Support Site</a> .  For more information about how to find the Service Tag for your computer, see <a href="#">Locate the Service Tag on your computer</a> .
Dell knowledge base articles	<ol style="list-style-type: none"> <li>1. Go to <a href="#">Dell Support Site</a>.</li> <li>2. On the menu bar at the top of the Support page, select <b>Support &gt; Support Library</b>.</li> <li>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.</li> </ol>

## Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see [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 32. Revision history**

Revision	Date	Description
A00	04-18-2023	Original publish date
A05	08-05-2025	<ul style="list-style-type: none"><li>Added support for NVIDIA Blackwell Series discrete GPUs.</li></ul>