# XPS 8920 Setup and Specifications

コンピュータモデル : XPS 8920 規制モデル : D24M 規制タイプ : D24M001



# メモ、注意、警告

- 💋 メモ: 製品を使いやすくするための重要な情報を説明しています。
- ▲ 注意: ハードウェアの損傷やデータの損失の可能性を示し、その問題を回避する ための方法を説明しています。
- ▲ 警告:物的損害、けが、または死亡の原因となる可能性があることを示しています。

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# 目次

| Set up your computer                                   | 4  |
|--|----|
| Setting up the Virtual Reality (VR) headset — optional | 9  |
| ビュー  | 10 |
| 前面   | 10 |
| Back   | 12 |
| Back panel   | 14 |
| 什様   | 16 |
| Dimensions and weight                                  |    |
| System information                                     |    |
| Memory   |    |
| Ports and connectors                                   | 17 |
| Communications   |    |
| Audio  | 18 |
| Storage  |    |
| Video  | 19 |
| Power ratings  | 19 |
| Computer Environment                                   | 20 |
| 「困ったときは」と「デルへのお問い合わせ」                                  | 21 |

| セルフヘルプリソース | .21 |
|------------|-----|
| デルへのお問い合わせ | 21  |

# Set up your computer

1 Connect the keyboard and mouse.



2 Connect the network cable-optional.







## **3** Connect the display.



メモ: If you ordered your computer with a discrete graphics card, the HDMI and the display ports on the back panel of your computer are covered. Connect the display to the discrete graphics card.

**4** Connect the power cable.

DELL



Press the power button.



- 6 Follow the instructions on the screen to finish Windows setup:
  - a) Connect to a network.

| Let's get connected  |
|--|
| Pick a network and go online to finish setting up this device. |
| Connections  |
| Pr Network<br>Connected  |
| Wi-Fi  |
| • (a 1997)   |
| Contraction of the second second                               |
| °  |
| (i   |
| Skip this step   |
| ¢  |

b) Sign-in to your Microsoft account or create a new account.

| Make it yours  |         |
|--|---------|
| Your Microsoft account opens a world of benefits. Learn more |         |
| 1 & # 6 = 0 b / =  |         |
| Email or phone   |         |
| Password   |         |
| Forgot my password   |         |
| No account? Create one!                                      |         |
| Microsoft privacy statement                                  |         |
| ······   | Sign in |

## 7 Locate Dell apps.

## 表 1. Locate Dell apps



Register your computer

Dell Help & Support



| 🗱 Dell Help & Support                        |   | Search                      | ۹                                     | – × |
|--|---|-----------------------------|---------------------------------------|-----|
| Inglion Service Service Service Service Code | FEATURED HELP ANTICLES<br>A new look for settings           |                             |                                       |     |
| E Warranty                                   | /   | 125                         | 514                                   |     |
| SupportAssist                                |   |                             |                                       |     |
| Manuals                                      | 00+0  |                             | V Same                                |     |
|  | HELP CATEGORIES   |                             |                                       |     |
|  | Getting Around Windows 10 Connecting to Win and Accessories | ses 🦚                       | Setting Up Accou<br>and Personalizati |     |
| P feedback                                   | Getting to Know Your Elevening Your Syste                   | m Find Acces<br>at Dell.com | ssories                               |     |



SupportAssist — Check and update your computer

# Setting up the Virtual Reality (VR) headset — optional

- Download and run the setup tools for your VR headset at www.dell.com/ 1 VRsupport.
- 2 Connect the VR headset to the USB 3.0 ports on the back of your computer and HDMI port on your computer, when prompted.





Xモ: Connect the headset to the HDMI port on the discrete graphics card and connect the display to any available port on the card.

3 Follow the instructions on the screen to complete the setup.

# ビュー

# 前面



1 電源ボタン

コンピュータの電源がオフまたはスリープ状態の場合は、押すと電源がオンになります。 コンピュータの電源が入っている場合は、押すとコンピュータをシャットダウンします。 4 秒間押し続けると、コンピュータを強制終了します。

メモ:電源ボタンの動作は電源オプションでカスタマイズすることができます。詳細については、www.dell.com/supportの『Me and My Dell(私とマイデル』を参照してください。

2 **SD カードスロット** 

SD カードの読み取りと書き込みを行います。

3 **ヘッドフォンポート** 

1組のヘッドフォンまたはスピーカーを接続します。

## 4 **マイクポート**

録音、音声通話、ビデオ通話などを行うための外部マイクを接続します。

5 USB 3.0 ポート(4)

ストレージデバイス、プリンタなどの周辺機器を接続します。データ転送速度は最大で5 Gbps です。

6 オプティカルドライブ (オプション)

CD および DVD の読み取りと書き込みを行います。

7 オプティカルドライブ取り出しボタン 押すとオプティカルドライブからメディアを取り出します。

# Back



### 1 Back panel

Connect USB, audio, video and other devices.

## 2 PCI-Express x16 (graphics slot 1)

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

For optimal graphics performance, use this slot for connecting the graphics card.

## 3 PCI-Express x1 slots (2)

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



## 4 PCI-Express x4 slot

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

## 5 Regulatory label

Contains regulatory information about your computer.

## 6 Bottom power-supply cage release-latch

Allows you to remove the power supply unit from your computer.

## 7 Service Tag label

Provides the Service Tag and Express Service Code needed when contacting Dell.

### 8 Top power-supply cage release-latch

Allows you to remove the power supply unit from your computer.

## 9 Power supply light

Indicates the power-supply state.

### 10 **Power-supply diagnostic button**

Press to check the power-supply state.

### 11 Power port

Connect a power cable to provide power to your computer.

## 12 Security-cable slot

Connect a security cable to prevent unauthorized movement of your computer.

# **Back panel**



## 1 Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or internet access.

The two lights next to the connector indicate the connectivity status and network activity.

## 2 USB 2.0 ports (2)

Connect peripherals such as storage devices and printers. Provides data transfer speeds up to 480 Mbps.

## 3 DisplayPort

Connect an external display or a projector.



💋 メモ: If you ordered your computer with a discrete graphics card, the DisplayPort on the back panel of your computer is covered. Connect the display to the discrete graphics card of your computer.

#### 4 HDMI port

Connect a TV or another HDMI-in enabled device. Provides video and audio output.



### メモ: If you ordered your computer with a discrete graphics card, the HDMI port on the back panel of your computer is covered. Connect the display to the discrete graphics card of your computer.

#### 5 USB 3.1 Type-C port

Connect peripherals such as external storage devices and printers. Provides data transfer speeds up to 10 Gbps.

#### USB 3.1 port 6

Connect peripherals, such as storage devices and printers. Provides data transfer speeds up to 10 Gbps.

#### 7 USB 3.0 ports (3)

Connect peripherals such as storage devices and printers. Provides data transfer speeds up to 5 Gbps.

#### 8 Front L/R surround line-out port

Connect audio-output devices such as speakers and amplifiers. In a 5.1 speaker channel setup, connect the front-left and front-right speakers.

#### Rear L/R surround port 9

Connect audio-output devices such as speakers and amplifiers. In a 5.1 speaker channel setup, connect the rear-left and rear-right speakers.

#### 10 Center/subwoofer LFE surround port

Connect the subwoofer



### メモ: For more information about the speaker setup, refer to the documentation that shipped with the speakers.



# 仕様

## **Dimensions and weight**

## 表 2. Dimensions and weight

| Weight | 10 kg (22 lb)     |
|--------|-------------------|
| Depth  | 356 mm (14.02 in) |
| Width  | 180 mm (7.09 in)  |
| Height | 389 mm (15.32 in) |

メモ: The weight of your computer varies depending on the configuration ordered and the manufacturing variability.

## System information

## 表 3. System information

Processor

XPS 8920

- 7<sup>th</sup> Generation Intel Core i5/i5k
- 7<sup>th</sup> Generation Intel Core i7/i7k

Chipset

Intel H270

Intel Z270

# Memory

## 表 4. Memory specifications

Slots

Туре

Four DIMM slots

- UDIMM
- DDR4

Speed

Configurations supported

2400 MHz 8 GB, 16 GB, 24 GB, 32 and 64 GB

## Ports and connectors

## 表 5. Ports and connectors

| Back panel ports: |   |  |
|-------------------|---|--|
| Network           | One RJ45 port   |  |
| USB               | <ul> <li>Two USB 2.0 ports</li> <li>Three USB 3.0 ports</li> <li>One USB 3.1 Type-A port</li> <li>One USB 3.1 Type-C port</li> </ul>  |  |
| Video/Audio       | <ul> <li>One Surround Front Stereo port</li> <li>One Surround Rear Stereo port</li> <li>One Surround Center/Subwoofer port</li> <li>One HDMI port for integrated graphics</li> <li>One DisplayPort for integrated graphics</li> </ul> |  |

## 表 6. Ports and connectors

| Front panel ports: |  |  |
|--------------------|--|--|
| Audio              | <ul><li>One Stereo Headphone jack</li><li>One Microphone jack</li></ul>                  |  |
| USB                | Four USB 3.0 ports   |  |
| Card Reader        | One 3-in-1 Card reader, supporting:  |  |
|                    | <ul> <li>Secure Digital (SD)</li> <li>Secure Digital Extended Capacity (SDXC)</li> </ul> |  |



Front panel ports:

• Secure Digital High Capacity (SDHC) Classes 2,4 and 6

## 表 7. Ports and connectors

| Internal ports: |  |
|-----------------|--|
| PCle Slots •    | One PCle x16 card slot<br>Two PCle x1 card slots<br>One PCle x4 card slot            |
| M.2 Card •      | One M.2 card slot for SSD<br>One M.2 card slot for Wi-Fi and<br>Bluetooth combo card |

## Communications

### 表 8. Supported communications

Ethernet

Wireless

10/100/1000 Mbps Ethernet controller integrated on system board

- Wi-Fi 802.11 b/g/n
- Wi-Fi 802.11 ac
- Bluetooth 4.0

## Audio

### 表 9. Audio specifications

Controller

Integrated Realtek ALC3861 High Definition Audio with Waves MaxxAudio Pro



# Storage

## 表 10. Storage options

Interface

- SATA 6 Gbps for optical drive
- SATA 6 Gbps for hard drive
- M.2 for SSD

Three 3.5-inch hard drives One M.2 slot One Slimline DVD+/-RW

## Video

Hard drive

Solid-state drive

## 表 11. Video specifications

Optical drive (optional)

|                     | Integrated            | Discrete   |
|---------------------|-----------------------|--|
| Controller          | Intel HD Graphics 630 | <ul> <li>NVIDIA GT 730</li> <li>NVIDIA GTX 745</li> <li>NVIDIA GTX 1050 Ti</li> <li>NVIDIA GTX 1070</li> <li>NVIDIA GTX 1080</li> <li>AMD Radeon RX 460</li> <li>AMD Radeon RX 470</li> <li>AMD Radeon RX 480</li> </ul> |
| Memory              | Shared system memory  | Up to 8 GB GDDR5X  |
| Power ratings       |                       |  |
| 表 12. Power ratings |                       |  |
| Туре                | 460 W APFC            | 460 W Bronze   |
| Input current       | 8 A                   | 8 A  |



| Output current                  | 3.3V/17A, 5V/25A, 12VA/<br>18A, 12VB/16A, 12VC/8A,<br>5Vaux/3A | 3.3V/17A, 5V/25A, 12VA/<br>18A, 12VB/16A, 12VC/8A,<br>5Vaux/3A |  |
|---------------------------------|--|--|--|
| Rated output voltage            | 3.3V, 5V, 12VA, 12VB,<br>12VC, 5Vaux                           | 3.3V, 5V, 12VA, 12VB,<br>12VC, 5Vaux                           |  |
| Input voltage                   | 100 VAC-240 VAC  |  |  |
| Input frequency                 | 50 Hz–60 Hz  |  |  |
| Temperature range:<br>Operating | 5°C to 50°C (41°F to 122°F)                                    |  |  |
| Temperature range:<br>Storage   | -40°C to 70°C (-40°F to 158°F)                                 |  |  |

## **Computer Environment**

Airborne contaminant level: G2 or lower as defined by ISA-S71.04-1985 表 13. Computer Environment

|                                | Operating   | Storage   |
|--------------------------------|---|---|
| Temperature range              | 5°C to 35°C (41°F to<br>95°F)   | –40°C to 65°C (–40°F to<br>149°F)   |
| Relative humidity<br>(maximum) | 10% to 90% (non-<br>condensing)   | 0% to 95% (non-<br>condensing)  |
| Vibration (maximum) $^{*}$     | 0.26 GRMS   | 1.37 GRMS   |
| Shock (maximum)                | 40 G for 2 ms with a change in velocity of 20 in/s (51 cm/s) <sup>†</sup> | 105 G for 2 ms with a change in velocity of 52.5 in/s (133 cm/s) <sup>‡</sup> |
| Altitude (maximum)             | –15.20 m to 3048 m (–50<br>ft to 10,000 ft)                               | –15.20 m to 10,668 m (–50<br>ft to 35,000 ft)                                 |

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

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



# 「困ったときは」と「デルへのお問い合 わせ」

# セルフヘルプリソース

セルフヘルプリソースを使ってデルの製品とサービスに関するヘルプ情報を取得できます。 表 14. セルフヘルプリソース

デルの製品とサービスに関する情報

Dell ヘルプとサポート アプリ

始めに アプリ

ヘルプへのアクセス

www.dell.com





Windows *サーチに*, Help and Support と入力し、<Enter>を押します。

オペレーティングシステムのオンラインヘルプ

トラブルシューティング情報、ユーザーズガイ ド、セットアップ方法、製品什様、テクニカル サポートブログ、ドライバ、ソフトウェアのアップ デートなどは、

オペレーティングシステム、コンピュータの設定 www.dell.com/support/manuals の『私と と使用、データのバックアップ、診断などの詳 細は.

www.dell.com/support/windows

www.dell.com/support

マイデル』を参照してください。

# デルへのお問い合わせ

販売、テクニカルサポート、カスタマーサービスに関するデルへのお問い合わせは、 www.dell.com/contactdellを参照してください。



- メモ:各種サービスのご提供は国や製品によって異なり、国によってはご利用いただけないサービスもございます。
- メモ:お使いのコンピュータがインターネットに接続されていない場合は、購入時の納 品書、出荷伝票、請求書、またはデルの製品カタログで連絡先をご確認ください。