



NVIDIA DGX[™] Spark

Quick Start Guide

01 System Configuration

Thank you for choosing an NVIDIA DGX Spark personal AI supercomputer system. Before you begin set-up, review the system configuration details to ensure that your system meets your required specifications.

System Specifications

> **Processor:**

- GB10 Grace Blackwell Superchip
 - Blackwell generation GPU
 - 20 core Arm CPU,
10 Cortex-X925 cores + 10 Cortex-A725 cores

> **Operating System:**

- NVIDIA DGX OS

> **System Memory:**

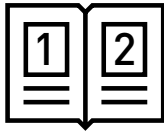
- 128GB LPDDR5x coherent unified system memory

> **Network Interface Controller:**

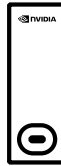
- ConnectX-7 NIC @ 200 Gbps Connection
- 10 Gbps Ethernet

02 Equipment

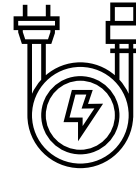
Included equipment with each NVIDIA DGX Spark system.



Quick Start
Card



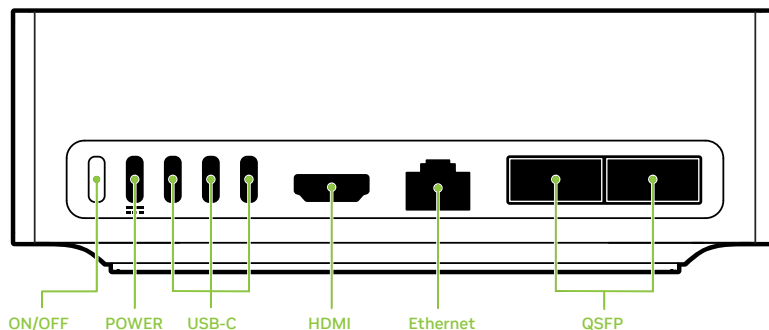
Power
Supply



Power
Cord

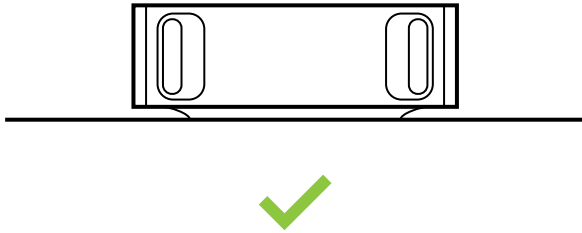
03 System Installation

- 1 Remove the system and power supply from the box.
- 2 Plug the power supply into an AC power source.
- 3 Plug the USB cable from the power supply into a USB port on the back panel of the system.

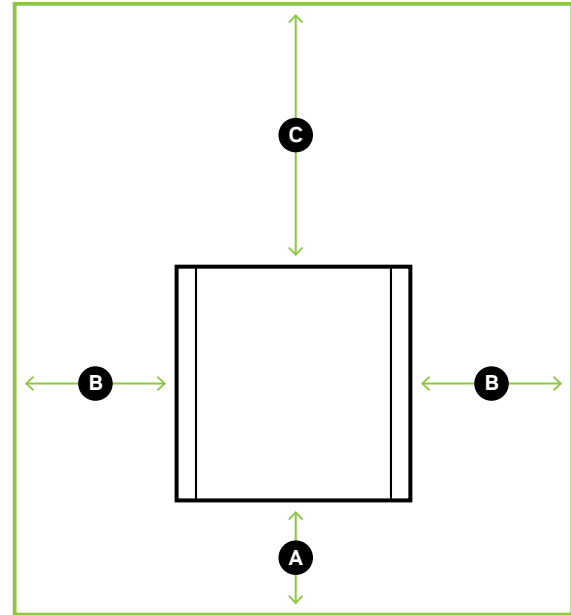


Attention: Use only the included 240W power adapter with DGX Spark. Using a different 240W adapter may cause technical issues and may void your manufacturer warranty.

Device Orientation



Clear Space Around Device



A: Front	10 cm (3.94 in)
B: Sides	2 cm (0.79 in)
C: Rear	40 cm (15.75 in)

04 System Configuration

Configuring as a standalone system

- 1 Connect a display, mouse, and keyboard to the system.
- 2 Plug the power supply into an AC power source.
- 3 Plug the USB cable from the power supply into USB port on the back panel of the system.
- 4 After the system boots, follow the on-screen instructions to complete the installation.

Configuring as a network connected compute device

- 1 On the quick start card provided with the DGX Spark system, you will find the following information:
 - > **Hotspot SSID: spark-`<unique name>`**
 - > **Hotspot password: `<unique password>`**
 - > **System Setup Page: [http://spark-`<unique name>`.local](http://spark-<code><unique name></code>.local)**
- 2 Using a laptop or desktop system with wireless networking, connect to the DGX Spark private hotspot using the provided hotspot SSID, using the provided hotspot password to connect to the private network.
- 3 Using the browser on the laptop or desktop system, connect to the system setup page and follow the instructions to complete the setup of the system.

If the quick start card is not available to provide the required information, a display, keyboard, and mouse will be required to complete the system configuration.

Congratulations! Your NVIDIA DGX Spark system is now ready to use!

For information on clustering 2 DGX Spark systems together, please visit: <http://www.nvidia.com/products/workstations/dgx-spark>

01 Configuration Du Système

Merci d'avoir choisi un supercalculateur personnel NVIDIA DGX Spark.
Avant de commencer la configuration, vérifiez les caractéristiques système pour vous assurer qu'il répond bien à vos besoins.

Caractéristiques du système

> **Processeur:**

- GB10 Grace Blackwell Superchip
 - GPU de génération Blackwell
 - CPU Arm à 20 cœurs,
10 cœurs Cortex-X925 + 10 cœurs Cortex-A725

> **Système d'exploitation:**

- NVIDIA DGX OS

> **Mémoire système:**

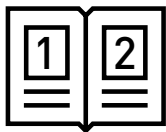
- 128GB de mémoire système unifiée LPDDR5x

> **Contrôleur réseau:**

- ConnectX-7 NIC @ 200 Gbps Connexion
- 10 Gbps Ethernet

02 Équipement

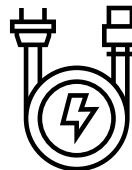
Équipement inclus avec chaque système NVIDIA DGX Spark.



Guide de démarrage
rapide



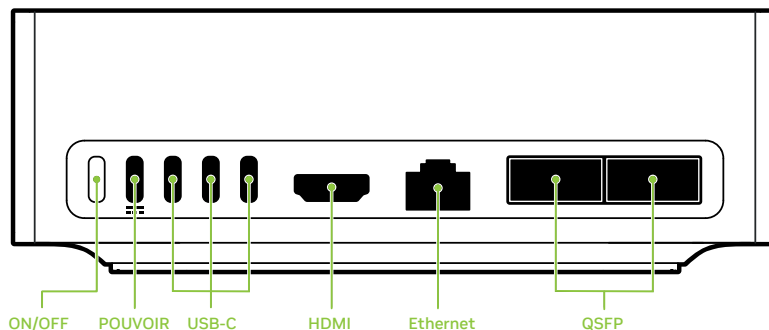
Alimentation
électrique



Cordon
d'alimentation

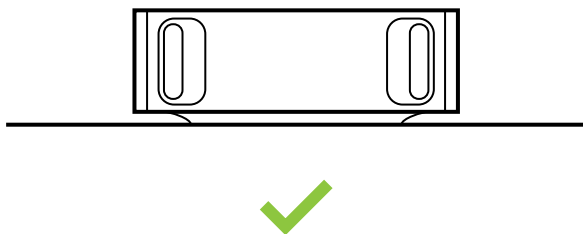
03 Installation Du Système

- 1 Retirez le système et l'alimentation de l'emballage.
- 2 Branchez l'alimentation à une source d'alimentation secteur.
- 3 Branchez le câble USB de l'alimentation à un port USB sur l'arrière du système.

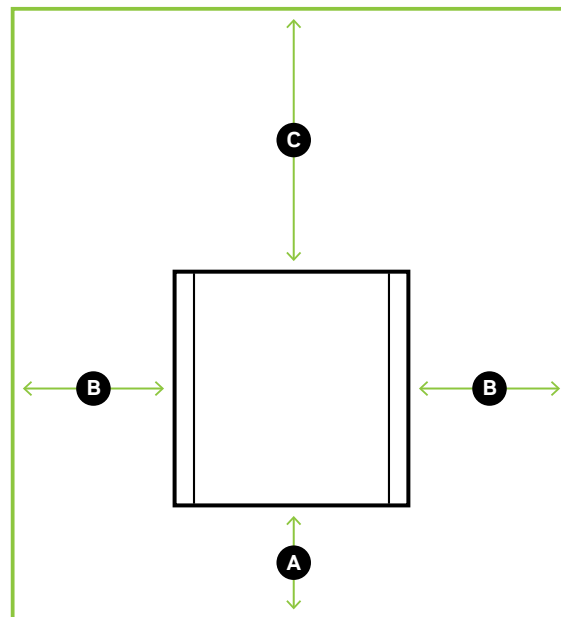


Attention: Utilisez uniquement l'adaptateur secteur 240 W inclus avec DGX Spark. L'utilisation d'un autre adaptateur 240 W peut entraîner des problèmes techniques et pourrait annuler votre garantie du fabricant.

Orientation du dispositif



Espace libre autour de l'appareil



A: Avant	10 cm (3,94 in)
B: Côtés	2 cm (0,79 in)
C: Arrière	40 cm (15,75 in)

04 Configuration Du Système

Configuration en système autonome

- 1 Connectez un écran, une souris et un clavier au système.
- 2 Branchez l'alimentation à une source d'alimentation secteur.
- 3 Branchez le câble USB de l'alimentation à un port USB sur l'arrière du système.
- 4 Une fois le système démarré, suivez les instructions à l'écran pour terminer l'installation.

Configuration connectée au réseau

- 1 Sur la carte de démarrage rapide fournie avec le système DGX Spark, vous trouverez les informations suivantes:
 - > **Hotspot SSID: spark-<nom unique>**
 - > **Hotspot mot de passe: <mot de passe unique>**
 - > **Page de Configuration du Système:**
<http://spark-<nom unique>.local>
- 2 À l'aide d'un ordinateur portable ou d'une station de travail dotés d'un réseau sans fil, connectez-vous au hotspot privé DGX Spark à l'aide du SSID et du mot de passe du hotspot fournis pour vous connecter au réseau privé.
- 3 À l'aide du navigateur sur le système portable ou la station de travail, connectez-vous à la page de configuration du système et suivez les instructions pour terminer la configuration du système.

Si le guide de démarrage rapide ne fournit pas toutes les informations requises, un écran, un clavier et une souris seront nécessaires pour terminer la configuration du système.

Félicitations! Votre système NVIDIA DGX Spark est maintenant prêt à l'emploi!

Pour plus d'informations sur la configuration en cluster de 2 systèmes DGX Spark ensemble, veuillez consulter:
<http://www.nvidia.com/products/workstations/dgx-spark>

01 Configurazione Del Sistema

Grazie per aver scelto il sistema di supercomputer IA personale NVIDIA DGX Spark. Prima di iniziare la configurazione, rivedi i dettagli di configurazione del sistema per assicurarti che soddisfi le specifiche richieste.

Specifiche di Sistema

> **Processore:**

- GB10 Grace Blackwell Superchip
 - GPU di Generazione Blackwell
 - CPU Arm da 20 core,
10 core Cortex-X925 + 10 core Cortex-A725

> **Sistema Operativo:**

- NVIDIA DGX OS

> **Memoria di Sistema:**

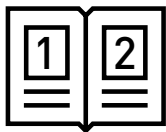
- 128GB LPDDR5x memoria di sistema unificata coerente

> **Controller di interfaccia di rete:**

- ConnectX-7 NIC @ 200 Gbps
- Ethernet da 10 Gbps

02 Attrezzatura

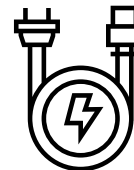
Apparecchiature incluse con ogni sistema NVIDIA DGX Spark.



**Scheda di
Avvio Rapido**



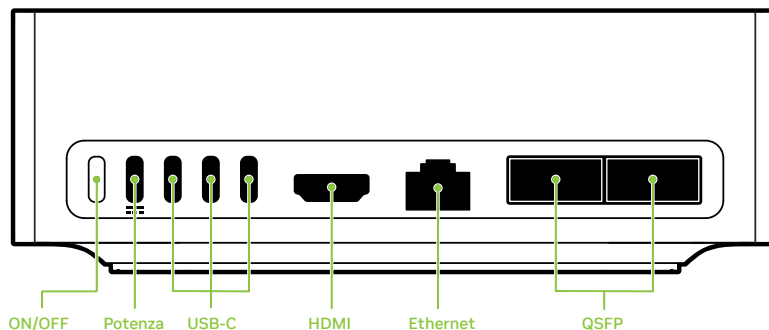
**Alimentatore
Elettrico**



**Cavo di
Alimentazione**

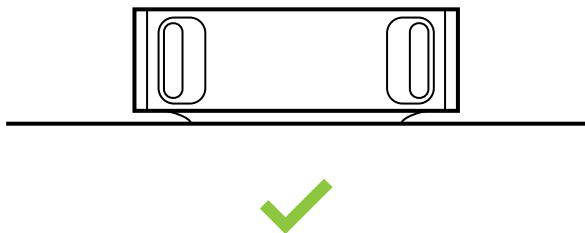
03 Installazione Del Sistema

- 1 Rimuovere il sistema e l'alimentatore dalla scatola.
- 2 Collegare l'alimentatore a una presa elettrica.
- 3 Collegare il cavo USB dall'alimentatore a una porta USB sul pannello posteriore del sistema.

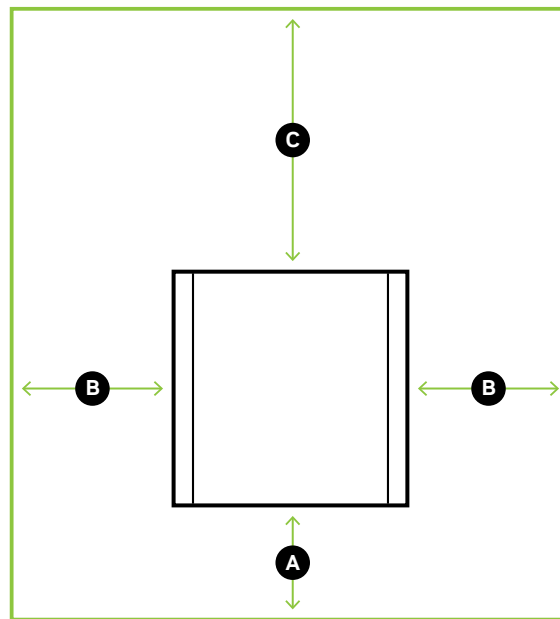


Attenzione: Utilizzare solo l'adattatore di alimentazione da 240 W incluso con DGX Spark. Utilizzare un adattatore da 240 W diverso potrebbe causare problemi tecnici e annullare la garanzia del produttore.

Orientamento del dispositivo



Spazio libero attorno al dispositivo



A: Anteriore	10 cm (3,94 pollici)
B: Lati	2 cm (0,79 pollici)
C: Posteriore	40 cm (15,75 pollici)

04 Configurazione Del Sistema

Configurazione come sistema autonomo

- 1 Collegare un display, un mouse e una tastiera al sistema.
- 2 Collegare l'alimentatore a una presa elettrica.
- 3 Collegare il cavo USB dall'alimentatore a una porta USB sul pannello posteriore del sistema.
- 4 Dopo l'avvio del sistema, seguire le istruzioni visualizzate sullo schermo per completare l'installazione.

Configurazione come dispositivo di calcolo connesso in rete

- 1** Sulla scheda di avvio rapido fornita con il sistema DGX Spark, sono disponibili le seguenti informazioni:
 - > Hotspot SSID: spark-<nome unico>**
 - > Hotspot password: <password unica>**
 - > Pagina di Configurazione del Sistema:
<http://spark-<nome unico>.local>**
- 2** Utilizzando un computer portatile o desktop con rete wireless, connettersi all'hotspot privato DGX Spark utilizzando la password fornita nella scheda di avvio rapido.
- 3** Utilizzando il browser sul computer portatile o desktop, connettersi alla pagina di configurazione del sistema, anch'essa fornita nella scheda di avvio rapido, e seguire le istruzioni per completare la configurazione del sistema.

Se la scheda di avvio rapido non fosse disponibile, è comunque possibile completare la configurazione del sistema seguendo il processo di “Configurazione come sistema autonomo” descritto sopra; saranno quindi necessari un display, una tastiera e un mouse.

Congratulazioni! Il tuo sistema NVIDIA DGX Spark è ora pronto per essere utilizzato!

Per informazioni sul clustering di 2 sistemi DGX Spark insieme, visita:
<http://www.nvidia.com/products/workstations/dgx-spark>

01 Systemkonfiguration

Vielen Dank, dass Sie sich für ein NVIDIA DGX Spark Supercomputer-System für KI-Anwendungen entschieden haben. Bevor Sie mit der Einrichtung beginnen, sollten Sie die Systemkonfigurationsdetails überprüfen, um sicherzustellen, dass Ihr System die erforderlichen Spezifikationen erfüllt.

Systemspezifikationen

> **Prozessor:**

- GB10 Grace Blackwell Superchip
 - Blackwell generation GPU
 - 20-Kern-Arm-CPU,
10 Cortex-X925-Kerne + 10 Cortex-A725-Kerne

> **Betriebssystem:**

- NVIDIA DGX OS

> **Systemspeicher:**

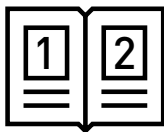
- 128GB LPDDR5x kohärenter einheitlicher Systemspeicher

> **Netzwerkadapter:**

- ConnectX-7 NIC mit 200 Gbps Datenübertragungsrate
- 10 Gbps Ethernet

02 Lieferumfang

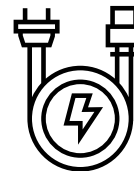
Im Lieferumfang jedes NVIDIA DGX Spark-Systems enthalten.



Kurzanleitung



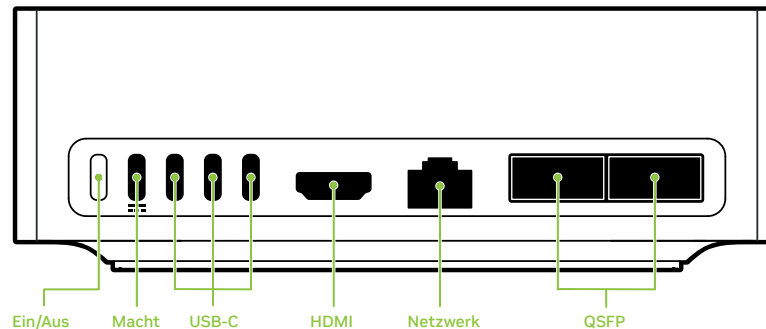
Netzteil



Netzkabel

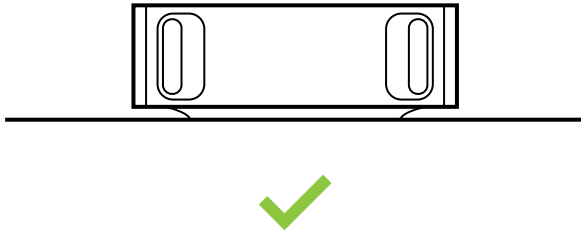
03 Installation Des Systems

- 1 Nehmen Sie das System und das Netzteil aus dem Karton.
- 2 Schließen Sie das Netzteil an eine Wechselstromquelle an.
- 3 Stecken Sie das USB-Kabel vom Netzteil in einen USB-Port auf der Rückseite des Systems.

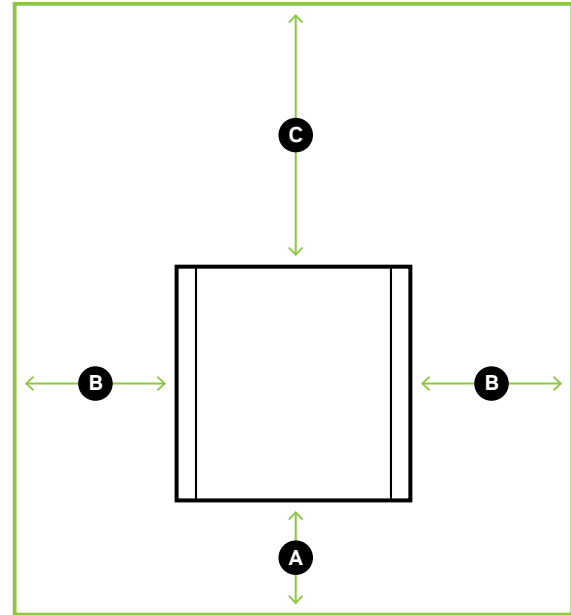


Achtung: Verwenden Sie nur das mitgelieferte 240-W-Netzteil mit DGX Spark. Die Verwendung eines anderen 240-W-Netzteils kann zu technischen Problemen führen und Ihre Herstellergarantie ungültig machen.

Geräteausrichtung



Freiraum um das Gerät herum



A: Vorderseite	10 cm (3,94 in)
B: Seiten	2 cm (0,79 in)
C: Rückseite	40 cm (15,75 in)

04 Systemkonfiguration

Konfiguration als eigenständiges System

- 1 Schließen Sie ein Display, eine Maus und eine Tastatur an das System an.
- 2 Schließen Sie das Netzteil an eine Wechselstromquelle an.
- 3 Stecken Sie das USB-Kabel vom Netzteil in einen USB-Port auf der Rückseite des Systems.
- 4 Folgen Sie nach dem Systemstart den Anweisungen auf dem Bildschirm, um die Installation abzuschließen.

Configured as a network connected compute device

- 1 Auf der Kurzanleitung, die mit dem DGX Spark-System geliefert wird, finden Sie folgende Informationen:
 - > **Hotspot SSID: spark-**<einzigartiger Name>****
 - > **Hotspot Passwort: **<einzigartiges Passwort>****
 - > **System-Einrichtungsseite:**
[http://spark-<einzigartiger Name>.local**](http://spark-<einzigartiger Name>.local)**
- 2 Stellen Sie mit einem Laptop-oder Desktop-System mit drahtloser Netzwerkverbindung eine Verbindung zum privaten DGX Spark-Hotspot her, indem Sie die bereitgestellte Hotspot-SSID verwenden und das bereitgestellte Hotspot-Passwort verwenden, um eine Verbindung zum privaten Netzwerk herzustellen.
- 3 Verbinden Sie sich über den Browser auf dem Laptop oder Desktop-System mit der Systemkonfigurationsseite und folgen Sie den Anweisungen, um die Einrichtung des Systems abzuschließen.

Wenn die Kurzanleitung nicht verfügbar ist, um die erforderlichen Informationen bereitzustellen, sind ein Display, eine Tastatur und eine Maus erforderlich, um die Systemkonfiguration abzuschließen.

Herzlichen Glückwunsch! Ihr NVIDIA DGX Spark-System ist jetzt einsatzbereit!

Informationen zum Clustering von 2 DGX Spark-Systemen finden Sie unter: <http://www.nvidia.com/products/workstations/dgx-spark>

01 Configuración Del Sistema

Gracias por elegir un sistema de supercomputadora de IA personal NVIDIA DGX Spark. Antes de comenzar la configuración, revise los detalles de configuración del sistema para asegurarse de que cumple con las especificaciones requeridas.

Especificaciones del sistema

> **Procesador:**

- GB10 Grace Blackwell Superchip
 - GPU de generación Blackwell
 - CPU de 20 núcleos Arm,
10 núcleos Cortex-X925 + 10 núcleos Cortex-A725

> **Sistema operativo:**

- NVIDIA DGX OS

> **Memoria del sistema:**

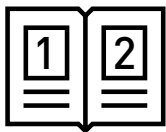
- 128GB LPDDR5x memoria unificada coherente del sistema

> **Controlador de interfaz de red:**

- Conexión de NIC ConnectX-7 a 200 Gbps
- 10 Gbps Ethernet

02 Equipamiento

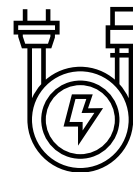
Equipamiento incluido con cada sistema NVIDIA DGX Spark.



**Tarjeta de
inicio rápido**



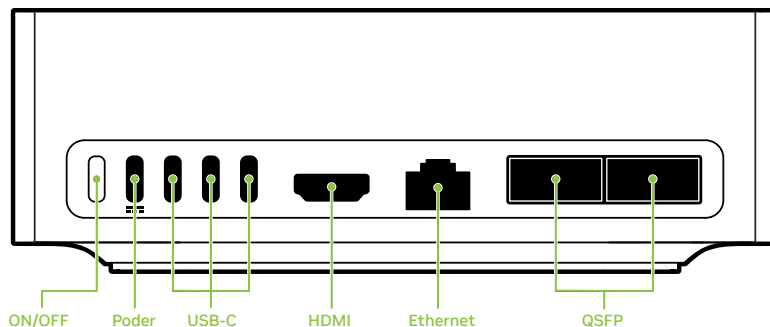
**Adaptador de
alimentación**



**Cable de
alimentación**

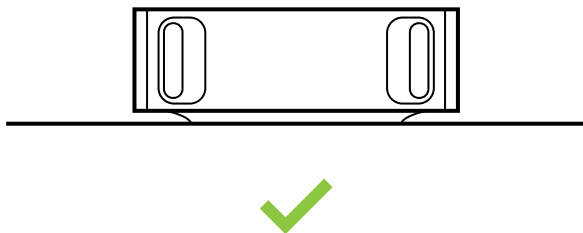
03 Instalación Del Sistema

- 1 Retire el sistema y la fuente de alimentación de la caja.
- 2 Conecte la fuente de alimentación a una fuente de alimentación de CA.
- 3 Conecte el cable USB de la fuente de alimentación a un puerto USB en el panel posterior del sistema.

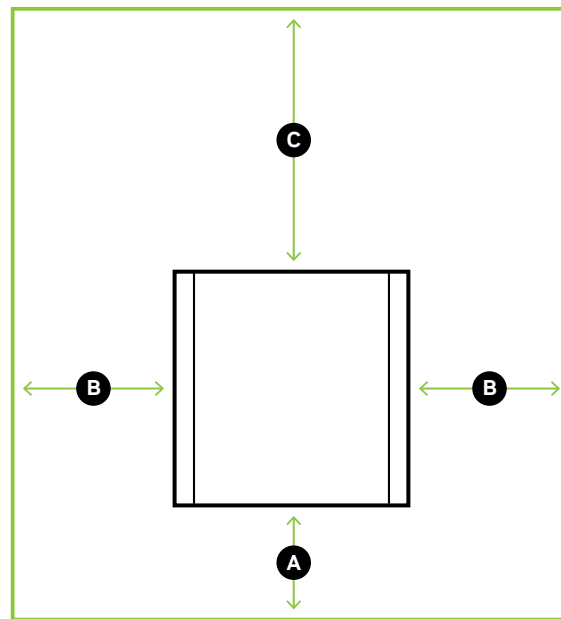


Atención: Utilice solo el adaptador de alimentación de 240 W incluido con DGX Spark. El uso de un adaptador de 240 W diferente puede causar problemas técnicos y anular la garantía del fabricante.

Orientación del dispositivo



Espacio libre alrededor del dispositivo



A: delantero	10 cm (3,94 pulgadas)
B: lados	2 cm (0,79 pulgadas)
C: trasero	40 cm (15,75 pulgadas)

04 Configuración Del Sistema

Configuración como sistema independiente

- 1 Conecte una pantalla, un mouse y un teclado al sistema.
- 2 Conecte la fuente de alimentación a una fuente de alimentación de CA.
- 3 Conecte el cable USB de la fuente de alimentación a un puerto USB en el panel posterior del sistema.
- 4 Después de que el sistema se inicie, siga las instrucciones en pantalla para completar la instalación.

Configuración del sistema como dispositivo de red

- 1 En la tarjeta de inicio rápido que se proporciona con el sistema DGX Spark, encontrará la siguiente información:
 - > **Hotspot SSID: spark-<nombre único>**
 - > **Hotspot contraseña: <contraseña única>**
 - > **Página de configuración del sistema:**
<http://spark-<nombre único>.local>
- 2 Si utiliza un sistema de escritorio o portátil con red inalámbrica, conéctese al punto de acceso privado de DGX Spark mediante el SSID del punto de acceso proporcionado, y utilice la contraseña del punto de acceso proporcionada para conectarse a la red privada.
- 3 Usando el navegador en el sistema portátil o de escritorio, conéctese a la página de configuración del sistema y siga las instrucciones para completar la configuración del sistema.

Si la tarjeta de inicio rápido no está disponible para proporcionar la información requerida, se requerirá una pantalla, un teclado y un mouse para completar la configuración del sistema.

¡Felicitaciones! ¡Tu sistema NVIDIA DGX Spark ya está listo para usar!

Para obtener información sobre el agrupamiento de 2 sistemas DGX Spark juntos, visite:

<http://www.nvidia.com/products/workstations/dgx-spark>

01 Konfiguracja Urządzenia

Dziękujemy za wybór osobistego superkomputera AI NVIDIA DGX Spark. Przed rozpoczęciem konfiguracji sprawdź szczegóły konfiguracji systemu, aby upewnić się, że spełnia on wymagane specyfikacje.

Specyfikacja

> **Procesor:**

- GB10 Grace Blackwell Superchip
 - GPU generacji Blackwell
 - 20- rdzeniowy Arm CPU,
10 rdzeni Cortex-X925 + 10 rdzeni Cortex-A725

> **System operacyjny:**

- NVIDIA DGX OS

> **Pamięć:**

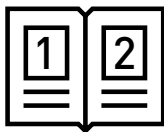
- 128 GB pamięci systemowej LPDDR5x

> **Kontroler interfejsu sieciowego:**

- ConnectX-7 NIC @ 200 Gbps
- 10 Gbps Ethernet

02 Wyposażenie

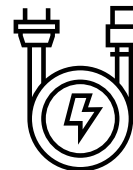
W zestawie wyposażenia każdego urządzenia NVIDIA DGX Spark znajdują się:



**Quick Start Card
(instrukcja)**



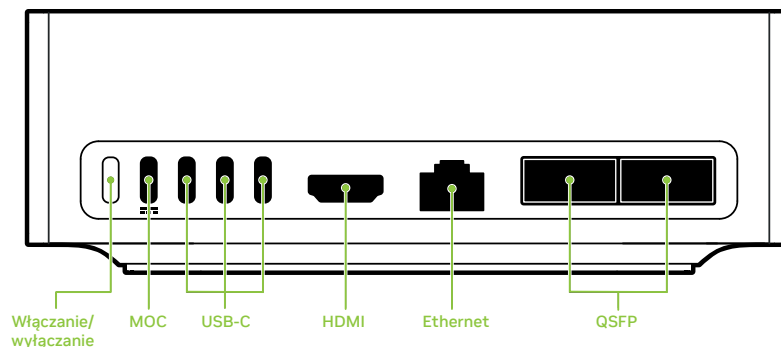
Zasilacz



**Przewód
zasilający**

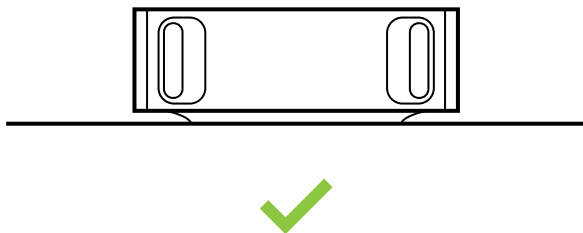
03 Instalacja

- 1 Wyjmij urządzenie i zasilacz z opakowania.
- 2 Podłącz zasilacz do źródła zasilania sieciowego.
- 3 Podłącz kabel USB z zasilacza do portu USB na tylnym panelu urządzenia.

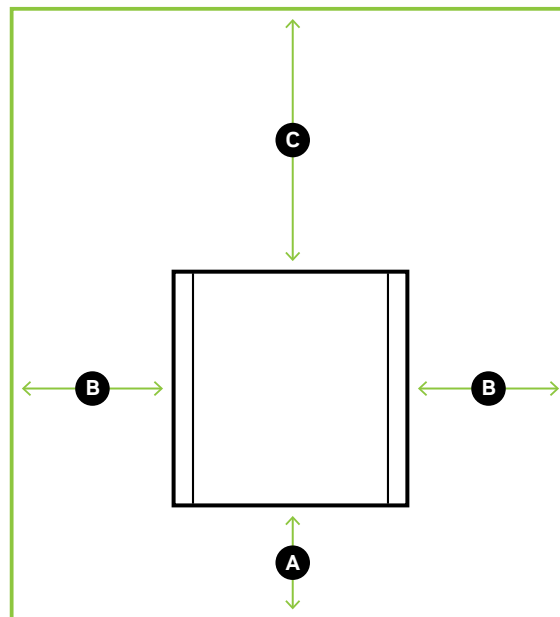


Uwaga: Używaj tylko załączonego adaptera 240 W z DGX Spark. Używanie innego adaptera 240 W może spowodować problemy techniczne i może unieważnić gwarancję producenta.

Orientacja urządzenia



Wyczyść przestrzeń wokół urządzenia



A: Przedni 10 cm (3,94 cala)

B: Boki 2 cm (0,79 cala)

C: Z tyłu 40 cm (15,75 cala)

04 Konfiguracja

Konfiguracja jako samodzielny system

- 1 Podłącz wyświetlacz, mysz i klawiaturę do urządzenia.
- 2 Podłącz zasilacz do źródła zasilania sieciowego.
- 3 Podłącz kabel USB z zasilacza do portu USB na tylnym panelu urządzenia.
- 4 Po uruchomieniu urządzenia postępuj zgodnie z instrukcjami wyświetlanymi na ekranie.

Konfiguracja jako jednostka obliczeniowa podłączona do sieci

- 1 Na Karcie Szybkiego Startu dostarczonej razem z urządzeniem DGX Spark znajdziesz następujące informacje:
 - > **Hotspot SSID: spark-<unikalna nazwa>**
 - > **Hasło do Hotspot: <unikatowe hasło>**
 - > **Adres strona konfiguracji:**
<http://spark-<unikalna nazwa>.local>
- 2 Korzystając z laptopa lub komputera stacjonarnego z bezprzewodową siecią, połącz się z hotspotem DGX Spark. Użyj podanego identyfikatora SSID hotspotu i hasła hotspotu, aby połączyć się z prywatną siecią.
- 3 Korzystając z przeglądarki internetowej w systemie operacyjnym laptopa lub komputera stacjonarnego, połącz się ze stroną konfiguracji systemu i postępuj zgodnie z instrukcjami.

Jeśli karta szybkiego startu nie jest dostępna, aby podać wymagane informacje, do zakończenia konfiguracji systemu potrzebny będzie monitor, klawiatura i mysz.

Gratulujemy! Możesz zacząć korzystać z Twojego NVIDIA DGX Spark!

Informacje na temat łączenia dwóch urządzeń
DGX Spark w klaster można znaleźć na stronie:

<http://www.nvidia.com/products/workstations/dgx-spark>

01 系统配置

感谢您选择 NVIDIA DGX Spark 个人 AI 超级计算机系统。在开始设置之前, 请查看系统配置详情, 以确保系统符合所需规格。

系统规格

> 处理器:

- GB10 Grace Blackwell Superchip
 - Blackwell 架构 GPU
 - 20核Arm CPU,
10 个Cortex-X925核心+10个Cortex-A725核心

> 操作系统:

- NVIDIA DGX OS

> 系统内存:

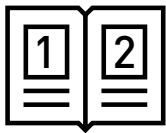
- 128GB LPDDR5x 统一系统内存

> 网络接口控制器:

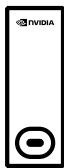
- ConnectX-7 NIC @ 200 Gbps 连接
- 10 Gbps 以太网

02 设备详情

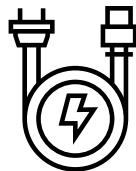
每台 NVIDIA DGX Spark 系统包含。



快速入门卡



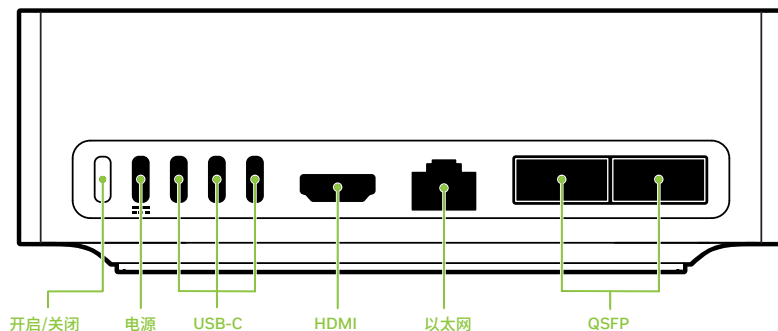
电源适配器



电源线

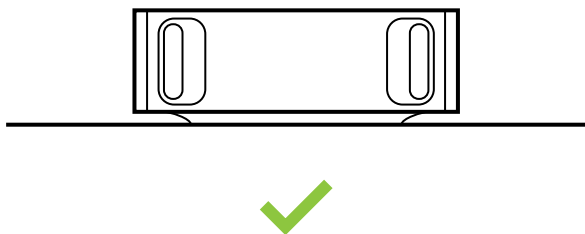
03 系统安装

- 1 将主机系统和电源适配器从盒子中取出。
- 2 将电源适配器插入外部交流电源。
- 3 将电源适配器上的USB 电缆插入主机系统后面板上的 USB 端口。

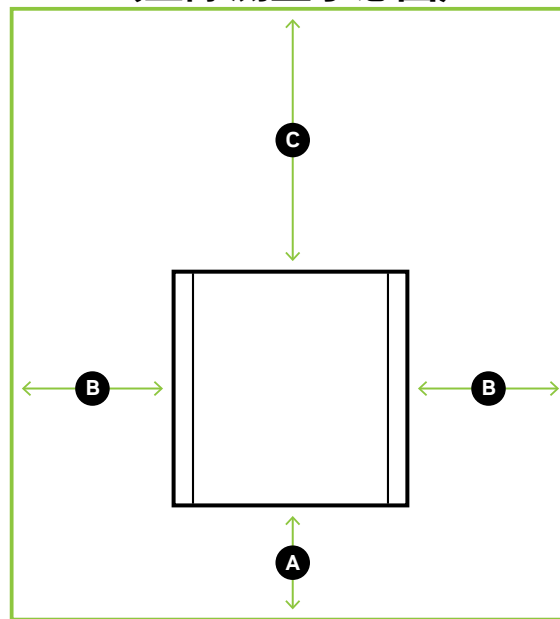


注意: 仅在 DGX Spark 中使用附带的 240W 电源适配器。使用其他 240W 电源适配器可能会导致技术问题, 可能导致厂商保修失效。

设备放置方向 (正确的设备放置示意图)



设备周围的空隙要求 (空隙测量示意图)



- | | |
|--------------|----------------|
| A: 前方 | 10厘米(3.94英寸) |
| B: 两侧 | 2 厘米 (0.79 英寸) |
| C: 后方 | 40厘米(15.75英寸) |

04 系统配置

作为独立系统配置

- 1 将显示器、鼠标和键盘连接到系统
- 2 将电源适配器插入外部交流电源。
- 3 将 电源适配器上的USB 电缆插入主机系统后面板上的 USB 口。
- 4 系统启动后,按照屏幕上的指示完成安装

作为网络连接的计算设备配置

- 1 在 DGX Spark 系统提供的快速启动卡上,您将找到以下信息:
 - **热点 SSID: spark-`<用户名>`**
 - **热点 密码 登录: `<密码>`**
 - **系统设置页面: `http://spark-<用户名>.local`**
- 2 使用具有无线网络功能的笔记本电脑或台式机系统,使用提供的热点 SSID 连接到 DGX Spark 私人热点,使用提供的热点密码连接到个人网络。
- 3 使用笔记本电脑或桌面系统上的浏览器,连接到系统设置页面,并按照说明完成系统的设置。

如果快速入门卡无法提供所需的信息,则需要显示器、键盘和鼠标来完成系统配置。

恭喜您!您的 NVIDIA DGX Spark 系统已准备就绪!

如需了解如何将 两个 DGX Spark 系统集群,请访问:
<http://www.nvidia.com/products/workstations/dgx-spark>

01 系統配置

感謝您選擇 NVIDIA DGX Spark 個人 AI 超級電腦系統。在您開始設定之前，請檢閱系統配置的詳細資訊，以確保您的系統符合您所需的規格。

系統規格

> 處理器:

- GB10 Grace Blackwell Superchip
 - Blackwell GPU
 - 20 核心 Arm CPU,
10 Cortex-X925 核心 + 10 Cortex-A725 核心

> 作業系統:

- NVIDIA DGX OS

> 系統記憶體:

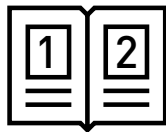
- 128GB LPDDR5x 連貫統一系統記憶體

> 網路介面控制器:

- ConnectX-7 NIC @ 200 Gbps
- 10 Gbps 乙太網路

02 設備

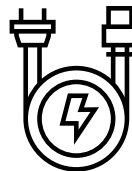
每套 NVIDIA DGX Spark 系統的隨附設備。



快速入門卡



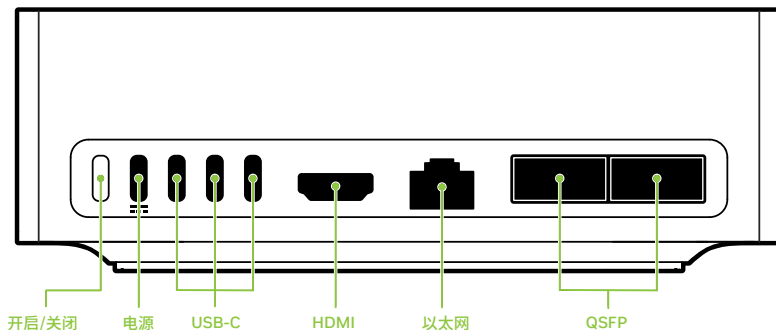
電源供應器



電源線

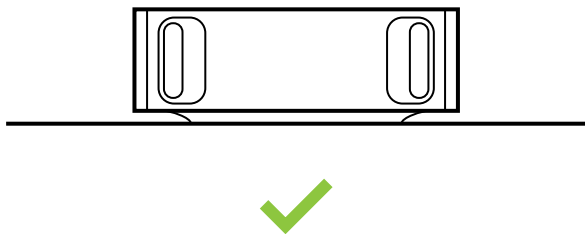
03 系統安裝

- 1 從盒子中取出系統和電源供應器。
- 2 將電源供應器插入交流電源。
- 3 將 USB 纜線從電源供應器插入系統後面板的 USB 連接埠。

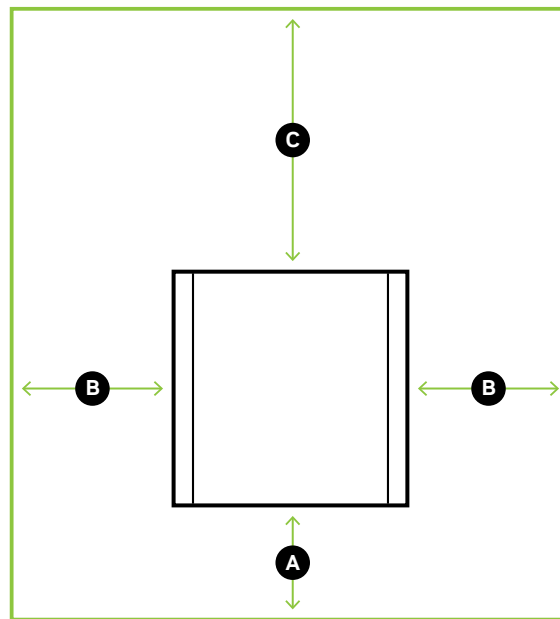


注意: 僅可使用 DGX Spark 隨附的 240W 電源供應器。使用其他 240W 轉接器可能會導致技術問題，並可能使製造商保固失效。

設備定位



設備周圍空間距離



- | | |
|--------------|------------------|
| A: 正面 | 10 公分 (3.94 英寸) |
| B: 兩側 | 2 公分 (0.79 英寸) |
| C: 後方 | 40 公分 (15.75 英寸) |

04 系統配置

配置為獨立系統

- 1 將顯示器、滑鼠和鍵盤連接至系統
- 2 將電源供應器插入交流電源。
- 3 將 USB 纜線從電源供應器插入系統後面板的 USB 連接埠。
- 4 系統開機後，按照螢幕上的指示完成安裝

配置為網路連接的運算設備

- 1 在 DGX Spark 系統隨附的快速入門卡上，您可以找到下列資訊：
 - > **Hotspot SSID:** spark-**<唯一名>**
 - > **Hotspot password:** **<唯一密碼>**
 - > **系統設定頁面:** **[http://spark-**<唯一名>.local**](http://spark-<唯一名>.local)**
- 2 使用具備無線網路功能的筆記型電腦或桌上型電腦系統，使用提供的熱點 SSID 連線至 DGX Spark 私人熱點，並使用提供的熱點密碼連線至私人網路。
- 3 使用筆記型電腦或桌上型電腦系統上的瀏覽器，連接到系統設定頁面，並依照指示完成系統設定。

如果快速啟動卡無法提供所需的資訊，則需要顯示器、鍵盤和滑鼠來完成系統組態。

恭喜您，您的 NVIDIA DGX Spark 系統現在可以使用了！

如需瞭解將 2 個 DGX Spark 系統集群在一起的相關資訊，請造訪：
<http://www.nvidia.com/products/workstations/dgx-spark>

01 システム構成

NVIDIA DGX Spark パーソナル AI スーパーコンピューター システムを選択
いただきありがとうございます。セットアップを開始する前に、システムの詳細
を確認して、必要な仕様を満たしていることを確認してください。

システム仕様

> プロセッサ:

- GB10 Grace Blackwell Superchip
 - Blackwell 世代の GPU
 - 20 コア Arm CPU,
10 Cortex-X925 コア + 10 Cortex-A725 コア

> オペレーティング システム:

- NVIDIA DGX OS

> システムメモリ:

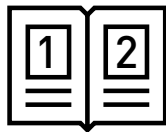
- 128GB LPDDR5x コヒーレント統合システムメモリ

> ネットワークインターフェースコントローラー

- ConnectX-7 NIC @ 200 Gbps 接続
- 10 Gbps イーサネット

02 機器

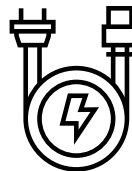
NVIDIA DGX Spark システムには以下が付属しています。



クイックスタート
カード



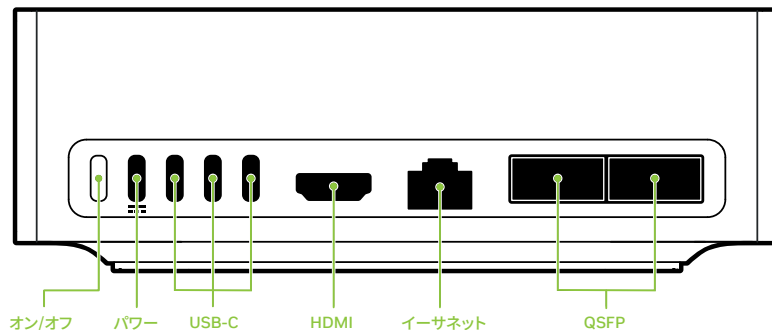
電源ユニット



電源コード

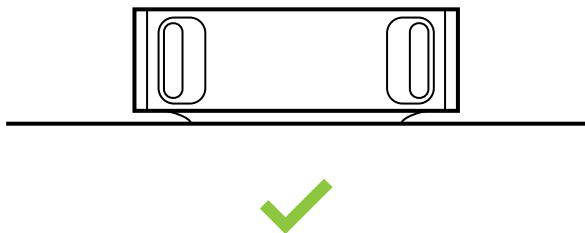
03 システムインストール

- 1 システムと電源ユニットをボックスから取り外します。
- 2 電源ユニットを AC電源に接続します。
- 3 電源ユニットからのUSBケーブルをシステムの背面パネルのUSBポートに接続します。

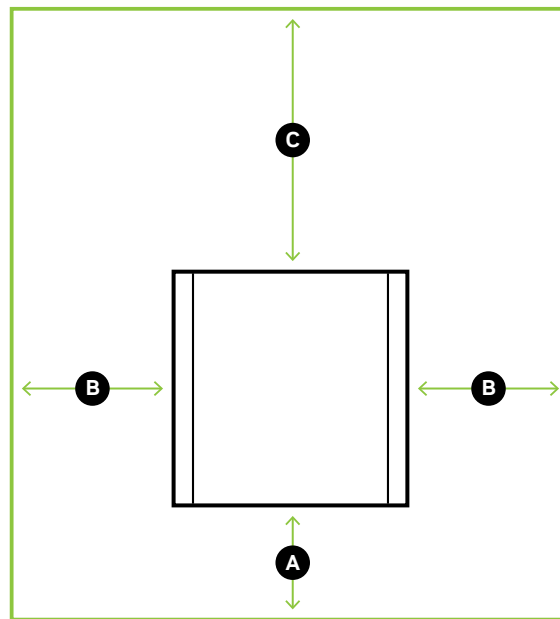


注意: DGX Spark には付属の 240W 電源アダプタのみを使用してください。別の 240W アダプタを使用すると、技術的な問題が発生し、メーカーの保証が無効になる可能性があります。

デバイスの向き



デバイス周辺に必要なスペース



A: 前面	10cm (3.94インチ)
B: 側面	2cm (0.79インチ)
C: 背面	40cm (15.75インチ)

04 システム構成

スタンドアロンシステムとして構成する

- 1 ディスプレイ、マウス、キーボードをシステムに接続します
- 2 電源ユニットを AC電源に接続します。
- 3 電源ユニットからのUSBケーブルをシステムの背面パネルのUSBポートに接続します。
- 4 システムが起動した後、画面上の指示に従ってインストールを完了します

ネットワーク接続コンピューティングデバイスとして構成

- 1 DGX Spark システムに付属するクイックスタート カードには、以下の情報が記載されています
 - **Hotspot SSID:** spark-<ユニークな名前>
 - **Hotspot パスワード:** <ユニークなパスワード>
 - **システム設定ページ:** <http://spark-<ユニークな名前>.local>
- 2 ワイヤレスネットワークに対応したノート PC またはデスクトップ システムを使用して、提供されたホットスポット SSID を使用して DGX Spark プライベート ホットスポットに接続し、提供されたホットスポット パスワードを使用してプライベートネットワークに接続します。
- 3 ノートPCやデスクトップシステムのブラウザを使って、システム設定ページに接続し、指示に従ってシステムの設定を完了します

必要な情報を提供するクイックスタートカードが利用できない場合は、システム構成を完了するためにディスプレイ、キーボード、マウスが必要になります

**おめでとうございます! NVIDIA DGX Spark システムが
使用可能になりました**

2 台の DGX Spark システムと一緒にクラスタ化する方法については、以下のサイトをご覧ください。

<http://www.nvidia.com/products/workstations/dgx-spark>

01 시스템 구성

NVIDIA DGX Spark 개인용 AI 슈퍼컴퓨터 시스템을 선택해 주셔서 감사합니다.
설정을 시작하기 전에 시스템 구성 세부 정보를 검토하여 필요한 사양을
충족하는지 확인하십시오.

시스템 사양

> 프로세서:

- GB10 Grace Blackwell Superchip
 - Blackwell 세대 GPU
 - 20 코어 Arm CPU,
10 Cortex-X925 코어 + 10 Cortex-A725 코어

> 운영 체제:

- NVIDIA DGX OS

> 시스템 메모리:

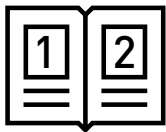
- 128GB LPDDR5x 코히어런트 통합 시스템 메모리

> 네트워크 인터페이스 컨트롤러:

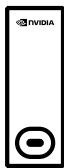
- ConnectX-7 NIC @ 200 Gbps 연결
- 10 Gbps 이더넷

02 장비

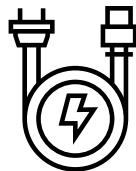
각 NVIDIA DGX Spark 시스템에 장비가 포함되어 있습니다.



빠른 시작 카드



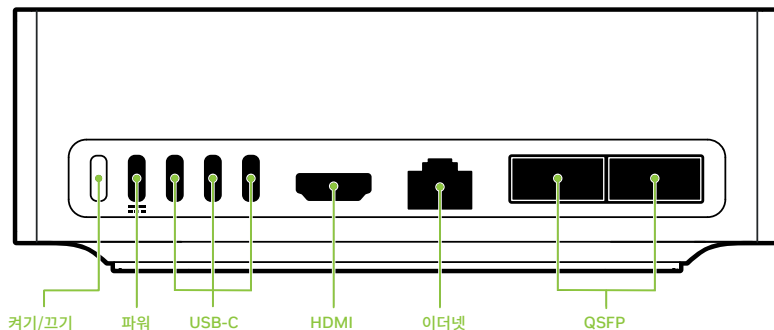
전원 공급 장치



전원 코드

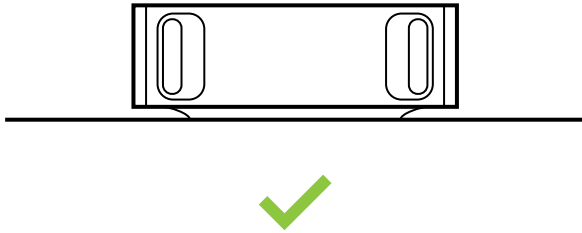
03 시스템 설치

- 1 상자에서 시스템과 전원 공급 장치를 제거하십시오.
- 2 AC 전원에 전력 공급 장치를 꽂습니다.
- 3 전원 공급 장치의 USB 케이블을 시스템의 백 패널의 USB 포트에 연결합니다.

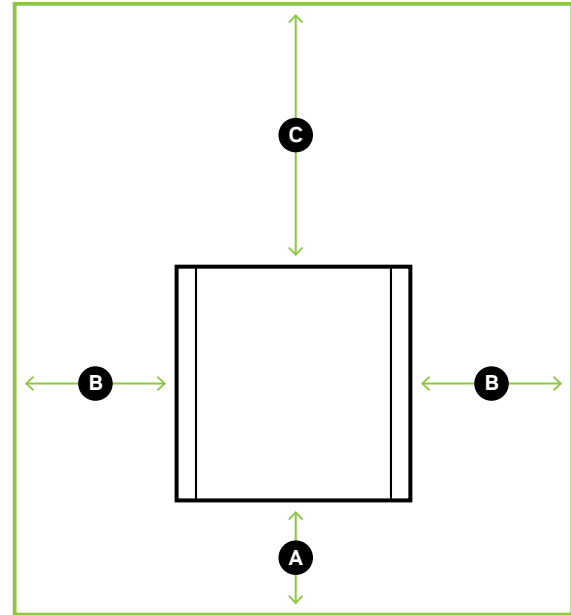


주의 사항: DGX Spark에 포함된 240W 전원 어댑터만 사용하십시오. 다른 240W 어댑터를 사용하면 기술적인 문제가 발생할 수 있으며 제조업체 보증이 무효화될 수 있습니다.

장치 방향



장치 주변 공간을 맑게



A: 정면	10 cm (3.94 in)
B: 측면	2 cm (0.79 in)
C: 후면	40 cm (15.75 in)

04 시스템 구성

독립형 시스템으로 구성

- 1 디스플레이, 마우스, 키보드를 시스템에 연결합니다.
- 2 AC 전원에 전력 공급 장치를 꽂습니다.
- 3 전원 공급 장치의 USB 케이블을 시스템의 백 패널의 USB 포트에 연결합니다.
- 4 시스템이 부팅된 후 화면에 표시된 지침을 따르면 설치가 완료됩니다.

네트워크 연결된 컴퓨팅 장치로 구성됩니다

- 1 DGX Spark 시스템에 제공되는 빠른 시작 카드에는 다음과 같은 정보가 있습니다
 - > **Hotspot SSID: spark-<고유이름>**
 - > **Hotspot 암호: <고유 암호>**
 - > **시스템 설정 페이지: <http://spark-<고유 이름>.local>**
- 2 무선 네트워킹이 가능한 노트북 또는 데스크톱 시스템을 사용하여 제공된 핫스팟 SSID를 사용하여 DGX Spark 프라이빗 핫스팟에 연결하고, 제공된 핫스팟 암호를 사용하여 프라이빗 네트워크에 연결합니다.
- 3 노트북이나 데스크톱 시스템의 브라우저를 사용하여 시스템 설정 페이지에 연결하고 지침을 따르면 시스템의 설정이 완료됩니다.

빠른 시작 카드가 필요한 정보를 제공할 수 없다면, 디스플레이, 키보드, 마우스가 시스템 구성을 완료하기 위해 필요할 것입니다

축하합니다! NVIDIA DGX Spark 시스템 사용 준비 완료!

2개의 DGX Spark 시스템을 함께 클러스터링하는 방법에
대한 정보는 다음 사이트를 방문하세요

<http://www.nvidia.com/products/workstations/dgx-spark>

01 Safety Information

NVIDIA products are designed to operate safely when installed and used according to the product instructions and general safety practices. The guidelines included in this document explain the potential risks associated with equipment operation and provide important safety practices designed to minimize these risks. By carefully following the information contained in this document, you can protect yourself from hazards and create a safer environment.

This product is designed and tested to meet IEC 62368-1 (Standard for Safety Audio/video, information and communication technology equipment). This also covers the national implementation of IEC 62368-1 based safety standards around the world e.g. UL 62368-1. These standards reduce the risk of injury from the following hazards:

- Electric shock: Hazardous voltage levels contained in parts of the product
- Fire: Overload, temperature, material flammability
- Mechanical: Sharp edges, moving parts, instability
- Energy: Circuits with high energy levels (240-volt amperes) or potential as burn hazards
- Heat: Accessible parts of the product at high temperatures
- Chemical: Chemical fumes and vapors
- Radiation: Noise, ionizing, laser, ultrasonic waves

Retain and follow all product safety and operating instructions. Always refer to the documentation supplied with your equipment. Observe all warnings on the product and in the operating instructions.



Note: Read all the safety information below and operating instructions before using NVIDIA DGX Spark to avoid injury.



Warning: Failure to follow these safety instructions could result in fire, electric shock or other injury or damage. Electrical equipment can be hazardous if misused. Operation of this product, or similar products, must always be supervised by an adult. Do not allow children access to this electrical product and do not permit them to handle any cables.

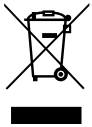
To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the safety labels included on the equipment.

ANTI-STATIC PRECAUTIONS

- Avoid working in areas where static electricity can build up, such as carpeted areas.
- To minimize the possibility of a static charge harming the hardware, always use a properly grounded anti-static wrist strap when working with the NVIDIA DGX Spark.
- In addition, always discharge any residual static electricity that may be present by touching a non-conducting edge of the kit first.

Never touch components, pins, or connectors without the wrist strap attached and grounded.

SYMBOLS ON EQUIPMENT



This is a universal recycling symbol indicating that the electronic device cannot be disposed of in the trash and must be recycled according to the regulations and/or ordinances of the local community.



Caution: This symbol is to indicate that the marked item can be hot and should not be touched without taking care.

To reduce the risk of electric shock, personal injury, or damage to the equipment, observe the following precautions:

- Follow all cautions and instructions marked on the equipment.

- Please do not eat, drink, or smoke while working with the NVIDIA DGX Spark.
- Do not bend, drop, crush, puncture, incinerate, or push objects into the NVIDIA DGX Spark.
- Do not connect or disconnect any cables or perform maintenance or reconfiguration of this product during an electrical storm or when device is powered on.
- Do not use the NVIDIA DGX Spark in rain or near sink, or other wet locations. Take care not to spill any food or liquid into the device. In case the NVIDIA DGX Spark gets wet, unplug all cables and turn off before cleaning, and allow it to dry thoroughly before turning it on again.
- Do not expose the NVIDIA DGX Spark to any gas which is not normally contained in the atmosphere, it may cause defects.
- Never turn on any equipment when there is evidence of fire, water, or structural damage.
- Place the product away from radiators, heat registers, stoves, amplifiers, or other appliances that produce heat.

- Never force a connector into a port. Check for obstructions on the port. If the connector and port don't join with reasonable ease, they probably don't match. Make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port.
- Always use an NVIDIA approved power adapter and refer to the manufacturer's instructions or equipment manual for proper instructions. Do not connect or disconnect the AC Power Adapter with wet hands. The power adapter is intended for indoor use only.
- NVIDIA DGX Spark shall be connected to a grounding terminal. Plug the system power cord into an AC outlet that provides a ground connection. Use only the provided AC adapter and power cord. Use of any other AC adapter or power cord may present risk of fire or electric shock.
- Use certified Optical Fiber Transceiver Class I Laser Product.
- Operate the AC adapter in a ventilated area.
- When you are using the NVIDIA DGX Spark, it is normal for the system and/or AC power adapter to get warm.

- > Do not use conductive tools that could bridge live parts.
- > Do not make mechanical or electrical modifications to the equipment.
- > Operate and store the NVIDIA DGX Spark in a place where the temperature is always between 5 and 30°C (41 to 86°F).
- > Use this product only with approved equipment and/or accessories.
- > If the product sustains damage requiring service, disconnect the product from the AC electrical outlet and refer servicing to an NVIDIA authorized service provider.
- > This equipment is not suitable for use in locations where children are likely to be present.

For service person only:

CAUTION - Risk of fire or explosion if the battery is replaced by an incorrect type. Dispose of Used Batteries According to the Instructions

POWER RATING

48V == 5A

USB-C ports RATING

Each USB-C port can be loaded 5V/3A respectively. The total output power of USB-C ports is limited to 30W.

02 Compliance

NVIDIA DGX Spark (Model: P4242) is compliant with the regulations listed in this section.

UNITED STATES

Federal Communications Commission (FCC)



Contains FCC ID: RAS-MT7925B14L

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including any interference that may cause undesired operation of the device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- > Reorient or relocate the receiving antenna.
- > Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Warning:

The FCC requires that you be notified that any changes or modifications to this device not expressly approved by the manufacturer could void the user's authority to operate the equipment. Only those antennas with same type and lesser/equal gain filed under this FCC ID number can be used with this device.

RF Radiation Exposure Statement:

NVIDIA DGX Spark has been tested and complies with FCC RF radiation exposure limits set forth for an uncontrolled environment when used with the NVIDIA accessories supplied or designated for this product. During testing, DGX Spark was placed in positions that simulate use against the body. The use of any other accessories may not ensure compliance with FCC RF exposure guidelines.

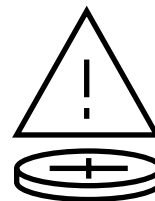
This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operated in conjunction with any other antenna or transmitter.

Underwriters Laboratories (UL)



⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.



The product contains a non-replaceable coin battery, CR2032 with a nominal voltage of 3Vdc. This battery is a non-rechargeable battery and must not be recharged.

Remove and immediately recycle or dispose of used batteries according to local regulations and keep them away from children. Do NOT dispose of batteries in household trash or incinerate them. Even used batteries may cause severe injury or death. Call a local poison control center for treatment information if needed.

Do not force discharge, recharge, disassemble, heat above the operating temperature, or incinerate batteries. Doing so may result in injury due to venting, leakage, or explosion, which can cause chemical burns.

CANADA

Innovation, Science and Economic Development Canada (ISED)

Contains IC: 7542A-MT7925B14L

CAN ICES (B)/NMB (B)

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est

autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution:

Operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Be advised that high-power radars are allocated as primary users of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Operation in the band 5925-7125 MHz, the following restrictions must be met:

- Devices shall not be used for control of or communications with unmanned aircraft systems.
- Devices shall not be used on oil platforms.

- Devices shall not be used on aircraft, except for the low-power indoor access points, indoor subordinate devices, low-power client devices, and very low-power devices operating in the 5925-6425 MHz band, that may be used on large aircraft as defined in the Canadian Aviation Regulations, while flying above 3,048 metres (10,000 feet).
- Devices shall not be used on automobiles.
- Devices shall not be used on trains.
- Devices shall not be used on maritime vessels.

Attention:

les dispositifs fonctionnant dans la bande de 5 150 à 5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Être informé des radars à haute puissance sont alloués principaux utilisateurs de bandes 5250 à 5350 MHz et 5850 MHz, à 5650

et que ces radars pourraient provoquer des interférences et / ou endommager les appareils RL-EL. radars à haute puissance sont alloués utilisateurs primaires des bandes 5250 à 5350 MHz et 5850 MHz, ce à 5650 et que ces radars pourraient provoquer des interférences et / ou endommager les périphériques RL-EL.

Pour fonctionner dans la bande 5925-7125 MHz, les restrictions suivantes doivent être respectées:

- > Les dispositifs ne doivent pas être utilisés pour commander des systèmes d'aéronef sans pilote ni pour communiquer avec de tels systèmes.
- > Les dispositifs ne doivent pas être utilisés sur les plateformes de forage pétrolier.
- > Les dispositifs ne doivent pas être utilisés dans les aéronefs, à l'exception des points d'accès intérieurs de faible puissance, des dispositifs subordonnés intérieurs, des dispositifs clients de faible puissance et des dispositifs de très faible puissance fonctionnant dans la bande de 5925 à 6425 MHz, qui peuvent être utilisés dans

les gros aéronefs, tel qu'il est défini dans le Règlement de l'aviation canadien, lorsqu'ils volent à une altitude supérieure à 3 048 mètres (10 000 pieds).

- Les dispositifs ne doivent pas être utilisés dans les automobiles.
- Les dispositifs ne doivent pas être utilisés dans les trains.
- Les dispositifs ne doivent pas être utilisés sur les navires maritimes.

RF Radiation Exposure Statement:

NVIDIA DGX Spark has been tested and complies with IC RSS 102 RF radiation exposure limits set forth for an uncontrolled environment when used with the NVIDIA accessories supplied or designated for this product. During testing, the DGX Spark Tablet was placed in positions that simulate use against the body. The use of any other accessories may not ensure compliance with IC RSS 102RF exposure guidelines.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Déclaration d'exposition aux radiations:

NVIDIA DGX Spark a été testée conformément aux normes d'exposition d'émission RF de la IC RSS 102 pour un environnement non contrôlé lors d'utilisation avec les accessoires fournis ou recommandés par NVIDIA. Pendant les tests, la tablette DGX Spark a été positionnée afin de simuler la présence du corps humain.

L'utilisation d'accessoires autres que ceux recommandés par NVIDIA ne garantit pas la compatibilité avec les normes d'émission RF de la IC RSS 102.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

EUROPEAN UNION

European Conformity; Conformité Européenne (CE)



	BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR
	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT
	RO	SI	SK	FI	SE	UK(NI)	IS	LI	NO	CH	TR

This device complies with the following Directives:

- > Radio Equipment Directive 2014/53/EU
- > RoHS Directive 2011/65/EU
- > Energy-related Products Directive (ErP) 2009/125/EC

The full text of EU declaration of conformity is available at the following internet address: www.nvidia.com/support

A copy of the Declaration of Conformity to the essential requirements may be obtained directly from NVIDIA GmbH (Bavaria Towers – Blue Tower, Einsteinstrasse 172, D-81677 Munich Germany).

This device operates in the following frequency bands and maximum transmitted power:

Frequency Band	Max. EIRP (dBm)	Max. EIRP (mW)
2400.0 - 2483.5 MHz	20.0	100
5150.0 - 5350.0 MHz	23.0	200
5470.0 – 5725.0 MHz	23.0	200
5725.0 – 5875.0 MHz	14.0	25
5925.0 – 6425.0 MHz (LPI mode)	23.0	100
5925.0 – 6425.0 MHz (VLP mode)	14.0	25

Warning:

- > Operation in the 5150 – 5350 MHz and 5925 – 6425 MHz (LPI mode) frequency bands are restricted to Indoor Use Only.
- > This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
- > Any changes or modifications to this device not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Hardware version: 670-54242-0000

Firmware version: 5.36

Exposed services via network interfaces:

Port	State	Service
22/tcp	Open	OpenSSH
80/tcp	Open	HTTP

Commission Regulation (EU) No 617/2013 Technical information

DGX Spark, Model P4242, is classified as a small-scale server, and manufactured by NVIDIA Corporation (Santa Clara, CA, 95051, USA) in 2025.

This device is in compliance with (EU) No 617/2013.

Maximum Power (W)	233.2
Idle State Power (W)	38.0
Off Mode Power (W)	4.1
Test methodology	IEC 62623 / EN 62623
Test Voltage and Frequency	230V / 50Hz
Total Harmonic Distortion	< 2%
Noise Levels (per ECMA-74/ISO7779)	https://www.nvidia.com/en-us/support/dgx-spark/
External power supply efficiency (per EN50563)	Level V

GREAT BRITAIN (ENGLAND, WALES AND SCOTLAND)

UK Conformity Assessed (UKCA)



Restrictions or Requirements for use in the UK

This device complies with the following Regulations:

- SI 2017/1206 Radio Equipment Regulations 2017
- SI 2012/3032: The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (As Amended)
- SI 2010/2617: The Ecodesign for Energy-Related Products Regulations 2010

A copy of the Declaration of Conformity to the essential requirements may be obtained directly from NVIDIA Ltd. (100 Brook Drive, 3rd Floor Green Park, Reading RG2 6UJ, United Kingdom).

This device operates in the following frequency bands and maximum transmitted power:

Frequency Band	Max. EIRP (dBm)	Max. EIRP (mW)
2400.0 - 2483.5 MHz	20.0	100
5150.0 - 5350.0 MHz	23.0	200
5470.0 – 5725.0 MHz	23.0	200
5725.0 – 5875.0 MHz	14.0	25
5925.0 – 6425.0 MHz (LPI mode)	23.0	100
5925.0 – 6425.0 MHz (VLP mode)	14.0	25

Warning:

- > Operation of this device in the 5150 - 5350 MHz and 5925 – 6425 MHz (LPI mode) frequency bands are restricted to indoor use.
- > This equipment must be installed and operated with a minimum distance of 20 cm between the radiator and your body.
- > Any modifications to this device, not expressly approved by the manufacturer, voids the user authority to operate the equipment.

AUSTRALIA AND NEW ZEALAND

Australian Communications and Media Authority (RCM)



This product meets the applicable EMC requirements for Class B, I.T.E equipment and applicable radio equipment requirements.

This product meets the applicable requirements for telecommunications equipment and can legally be connected to a telecommunications network.

JAPAN

Voluntary Control Council for Interference (VCCI)



この装置は、クラスB機器です。この装置は、住宅環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

VCCI – B

Radio/ Telecommunications Certification



R 020-240073

T D240014020

5.2GHz, 5.3GHz及び 6GHz帯 (LPI): 屋内使用限定

当該機器には電波法に基づく、技術基準適合証明等を受けた特定無線設備を装着している

Japan RoHS Material Content Declaration

日本工業規格JIS C 0950:2008により、2006年7月1日以降に販売される特定分野の電気および電子機器について、製造者による含有物質の表示が義務付けられます。

機器名称: 小規模サーバー

主な分類	特定化学物質記号					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
PCBボード	0	0	0	0	0	0
機械部品及びファン	除外項目	0	0	0	0	0
コネクタ	除外項目	0	0	0	0	0
パッシブ電子部品	除外項目	0	0	0	0	0
プロセッサ	0	0	0	0	0	0
アクティブ電子部品	除外項目	0	0	0	0	0
メモリ	0	0	0	0	0	0

ケーブル	除外項目	0	0	0	0	0
はんだ付け材料	0	0	0	0	0	0
フラックス、クリームはんだ、ラベル、その他消耗品	0	0	0	0	0	0

注：

1. 「0」は、特定化学物質の含有率が日本工業規格 JIS C 0950:2008 に記載されている含有率基準値より低いことを示します。
2. 「除外項目」は、特定化学物質が含有マークの除外項目に該当するため、特定化学物質について、日本工業規格 JIS C 0950:2008 に基づく含有マークの表示が不要であることを示します。
3. 「0.1wt% 超」または「0.01wt% 超」は、特定化学物質の含有率が日本工業規格 JIS C 0950:2008 に記載されている含有率基準値を超えていることを示します。

A Japanese regulatory requirement, defined by specification JIS C 0950: 2008, mandates that manufacturers provide Material Content Declarations for certain categories of electronic products offered for sale after July 1, 2006.

Product Name: Small-Scale Server

Major Classification	Symbols of Specified Chemical Substance					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
PCB	0	0	0	0	0	0

Mechanical parts and Fan	Exempt	0	0	0	0	0
Connectors	Exempt	0	0	0	0	0
Passive components	Exempt	0	0	0	0	0
Processor	0	0	0	0	0	0
Active components	Exempt	0	0	0	0	0
Memory	0	0	0	0	0	0
Cables	Exempt	0	0	0	0	0
Soldering material	0	0	0	0	0	0
Flux, Solder Paste, label and other consumable materials	0	0	0	0	0	0

Notes:

1. "0" indicates that the level of the specified chemical substance is less than the threshold level specified in the standard, JIS C 0950: 2008.
2. "Exempt" indicates that the specified chemical substance is exempt from marking and it is not required to display the marking for that specified chemical substance per the standard, JIS C 0950: 2008.
3. "Exceeding 0.1wt%" or "Exceeding 0.01wt%" is entered in the table if the level of the specified chemical substance exceeds the threshold level specified in the standard, JIS C 0950: 2008.

CHINA

China Compulsory Certificate



State Radio Regulation of China (SRRC)

CMIIT ID: 25J99Y4B4242

China Energy Label (CEL)



[illegible]

产品中有害物质的名称及含量
根据中国《电器电子产品有害物质限制使用管理办法》

[illegible]

中央处理器	O	O	O	O	O	O	O	O	O	O
主动电子零件	X	O	O	O	O	O	O	O	O	O
内存	O	O	O	O	O	O	O	O	O	O
线材	X	O	O	O	O	O	O	O	O	O
焊接金属	O	O	O	O	O	O	O	O	O	O
助焊剂, 锡膏, 标签及其他 耗材	O	O	O	O	O	O	O	O	O	O

本表格依据SJ/T 11364-2024 的规定编制

O: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572 标准规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572 标准规定的限量要求。

此表中所有名称中含 “X” 的部件均符合欧盟 RoHS 立法。

注: 环保使用期限的参考标识取决于产品正常工作的温度和湿度等条件

SOUTH KOREA

Radio Research Agency (RRA)



모 델 명 : P4242
R-R-NVA-P4242
R-C-MD6-MT7925B14L

B급 기기 (가정용 방송 통신기자재)	이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.
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Korea RoHS Material Content Declaration

확인 및 평가 양식은 제품에 포함 된 유해 물질의 허용 기준의 준수에 관한				
문 준비	상호 :	앤비디아홍콩홀딩즈리미티드 (영업소)	법인등록번호	110181-0036373
	대표자성명	카렌테레사번즈	사업자등록번호:	120-84-06711
	주소	서울특별시 강남구 영동대로 511, 2101 호 (삼성동, 코엑스무역타워)		
제품 내용				
제품의 종류	컴퓨터 서버	제품명(규격)	소규모 서버	
세부모델명(번호):	P4242	제품출시일	해당없음	
제품의 종량	해당없음	제조, 수입업자	앤비디아	

엔비디아의 그래픽 카드제품은 전기 전자제품 및 자동차의 자원순환에 관한 법률 시행령 제 11조 제 1항에 의거한 법 시행행규칙 제 3조에따른 유해물질함유 기준을 확인 및 평가한 결과, 이를 준수하였음을 공표합니다.

구비서류 : 없음

작성방법

- ① 제품의 종류는 “전기.전자제품 및 자동차의 자원순환에관한 법률 시행령” 제 8조 제 1항 및 제 2 항에 따른 품목별로 구분하여 기재합니다.
- ② 전기 전자 제품의 경우 모델명 (번호), 자동차의 경우, 제원관리번호를 기재합니다.
- ③ 해당제품의 제조업자 또는 수입업자를 기재합니다.

Confirmation and Evaluation Form Concerning the Adherence to Acceptable Standards of Hazardous Materials Contained in Products

Statement Prepared by	Company Name:	Nvidia HongKong Holding Ltd. Korea branch	Corporate Identification Number:	110181-0036373
	Name of Company Representative:	Karen Theresa Burns	Business Registration Number:	120-84-06711
	Address	2788 San Tomas Expressway, Santa Clara, CA 95051		
Product Information				
Product Category:	Computer server	Name of Product:	Small-Scale Server	
Detailed Product Model Name (Number):	P4242	Date of first market release:	N/A	
Weight of Product:	N/A	Manufacturer and/or Importer:	NVIDIA Corporation	

NVIDIA has evaluated and confirmed that the products comply with the standards for the content of hazardous substances in accordance with Article 3 of the 'Act on Resource Circulation of Electrical and Electronic Equipment and Vehicles' pursuant to the Enforcement Regulations of Article 11, Paragraph 1 in the statute.

Attachment: None

*Preparing the Form

- ① Please indicate the product category according to the categories listed in Article 8, Items 1 and 2 of the 'Enforcement Ordinance of the Statute on the Recycling of Electrical, Electronic and Automobile Materials'.
- ② For electrical and electronic products, please indicate the Model Name (and number). For automobiles, please indicate the Vehicle Identification Number.
- ③ Please indicate the name of manufacturer and/or importer of the product.

TAIWAN

Bureau of Standards, Metrology & Inspection (BSMI)



R33088
RoHS

This device complies with CNS 13438 (2006) Class B

Taiwan RoHS Material Content Declaration

限用物質含有情況標示聲明書 Declaration of the presence condition of the Restricted Substances Marking						
設備名稱: 輕量型伺服器 Equipment Name: Small-Scale Server						
單元 Parts	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr(VI))	多溴聯 苯 (PBB)	多溴二 苯醚 (PBDE)
PCB板 PCB	O	O	O	O	O	O
結構件以及風扇 Mechanical parts and Fan	-	O	O	O	O	O
連接器 Connectors	-	O	O	O	O	O
被動電子零件 Passive components	-	O	O	O	O	O

中央處理器 CPU	0	0	0	0	0	0
主動電子零件 Active components	-	0	0	0	0	0
內存 Memory	0	0	0	0	0	0
線材 Cables	-	0	0	0	0	0
焊接金屬 Soldering material	0	0	0	0	0	0
助焊劑, 錫膏, 標籤及耗材 Flux, Solder Paste, label and other consumable materials	0	0	0	0	0	0

備考1: O: 系指該限用物質未超出百分比含量基準值

Note 1: O: indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考2: -: 系指該項限用物質為排外項目。

Note 2: -: indicates that the restricted substance corresponds to the exemption.

此表中所有名稱中含“-”的部件均符合歐盟 RoHS 立法。

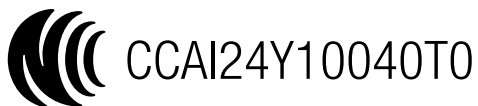
All parts named in this table with an “-” are in compliance with the European Union’s RoHS Legislation.

注：環保使用期限的參考標識取決與產品正常工作的溫度和濕度等條件

Note: The referenced Environmental Protection Use Period Marking was determined according to normal operating use conditions of the product such as temperature and humidity.

National Communications Commission

國家通訊傳播委員會



注意！

依據 低功率電波輻射性電機管理辦法

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

在5.250~5.350GHz頻帶內操作之無線資訊傳輸設備，限於室內使用

應避免影響附近雷達系統之操作。

電磁波曝露量 MPE 標準值 $1\text{mW}/\text{cm}^2$ ，送測產品實測值為: xxxxx mW/cm^2

如果使用本模組之平台，無法在外部看見審驗合格標籤時，應在該 平台的外部明顯標示

“內含射頻模組 ”

INDIA

Bureau of Indian Standards (BIS)

Self Declaration - Conforming to IS13252:2010,

**IS 13252 (Part 1)/
IEC 60950-1**



Authenticity may be verified by visiting the Bureau of Indian Standards website at <http://www.bis.gov.in>

India RoHS compliance statement:

This product, as well as its related consumables and spares, complies with the reduction in hazardous substances provisions of the “India E-waste (Management and Handling) Rule 2016”. It does not contain lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for where allowed pursuant to the exemptions set in Schedule 2 of the Rule.

Wireless Planning & Coordination Wing (WPC)

SINGAPORE

Infocomm Media Development Authority of Singapore (IMDA)

Complies with
IMDA Standards
DA00006A

www.nvidia.com

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