

53R-X50V93-2002

More information on this product can be found at: <http://bit.ly/X50V9>
 更多本產品資訊, 請蒞臨: <http://bit.ly/X50V9>
 Weitere Informationen zu diesem Produkt finden Sie unter: <http://bit.ly/X50V9>
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 本製品の詳細な情報については、次のURLより確認頂けます。 <http://bit.ly/X50V9>
 Для получения дополнительной информации об этом продукте перейдите по ссылке: <http://bit.ly/X50V9>
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Product Overview \ 產品外觀 \ Produktübersicht \ Présentation du produit \ Resumen del producto \ 製品概要 \ Обзор продукта \ 产品外观



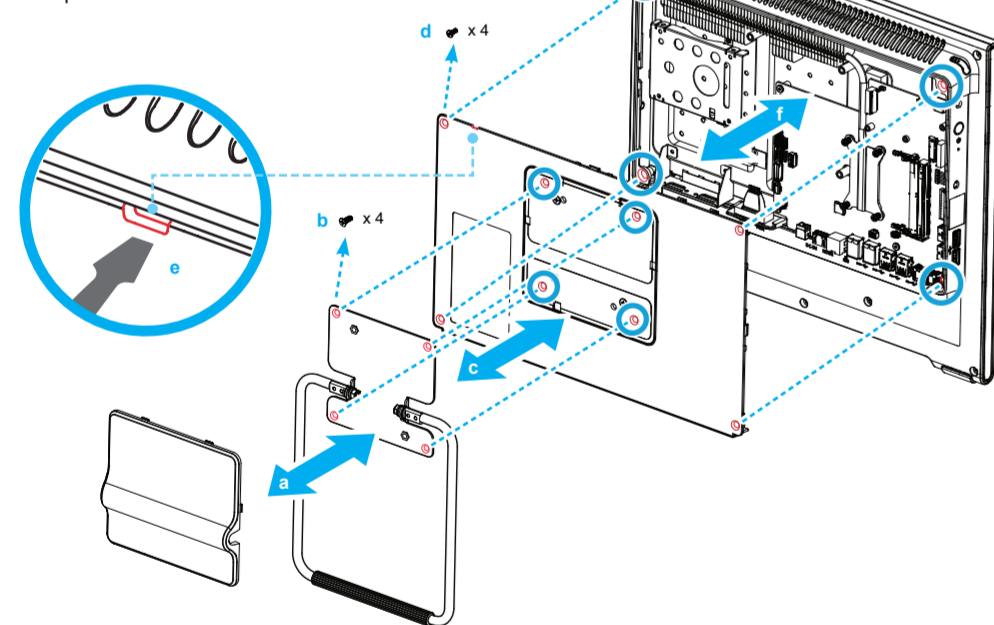
- | | | | |
|--------------------------------|----------------------------------|-----------------------------------|--------------------------------|
| 01. Microphone | 06. Stereo Speakers | 11. Clear CMOS button | 17. Power jack DC-IN |
| 02. Webcam | 07. Stylus | 12. Stand / Handle | 18. HDMI Port HDMI |
| 03. LCD Display (Single Touch) | 08. Power Button | 13. Perforation for optional WLAN | 19. LAN Port |
| 04. Hard Disk Drive LED | 09. Hole for hidden Power Button | 14. Kensington® Lock Hole | 20. USB 3.2 Gen 2 Ports |
| 05. Power LED | 10. USB 3.2 Gen 1 Ports | 15. COM Ports (Optional) | 21. Headphones / Line-out Jack |
| | | 16. VGA Port | 22. Microphone Jack |

Hardware Installation \ 硬體安裝 \ Hardware Installation \ Installation du matériel \ Instalación de hardware \ ハードウェアのインストール \ Установка оборудования \ 硬件安裝

A. Begin Installation

For safety reasons, please ensure that the power cord is disconnected before opening the case.

- Follow the steps (a-b-c-d-e-f) to remove the stand and back cover.
- Follow the steps (f (Push)-d-c-b-a) to replace the back cover and stand.



B. Memory Module Installation

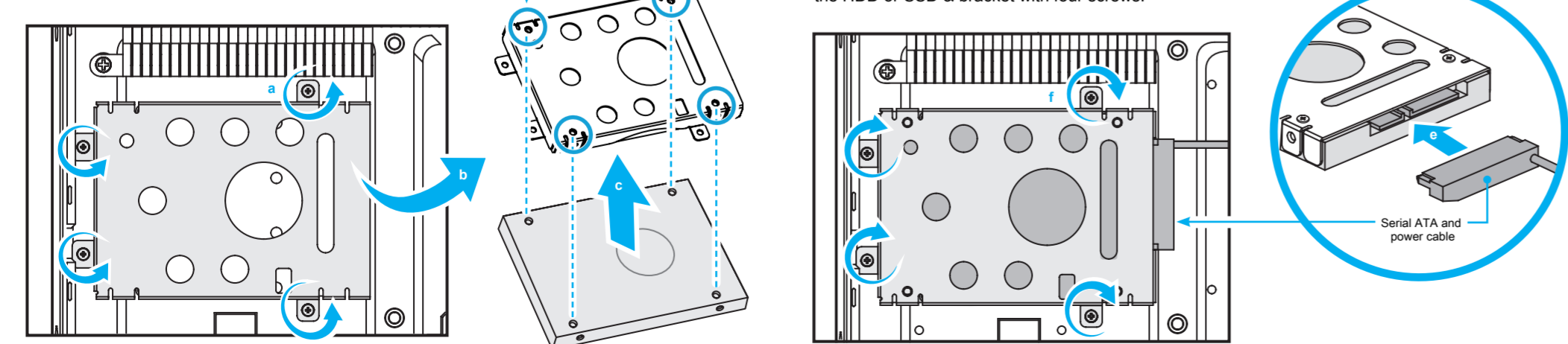
This motherboard does only support 1.1 V DDR5 SO-DIMM memory modules.

- Locate the SO-DIMM and paste the thermal pad (50*15*2.25 mm) on the motherboard, which can effectively reduce its temperature.
- Install the 1st memory module into the DIMMA1 slot.
- Align the notch of the memory module with the one of the relevant memory slot.
- Gently insert the module into the slot in a 45-degree angle.
- Carefully push down the memory module until it snaps into the locking mechanism and put the mylar back in place.
- Install the 2nd memory module into the DIMMB1 slot (proceed with steps B3 to B5) and paste the thermal pad, as shown.



C. HDD or SSD Installation

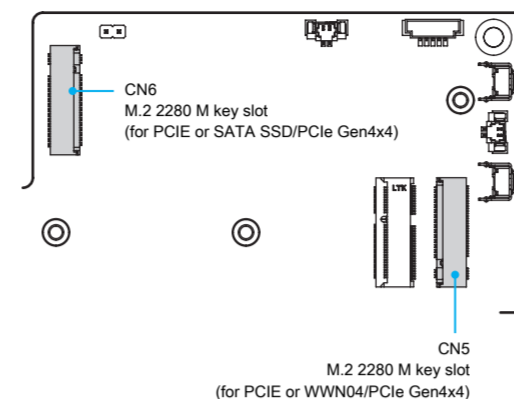
- Unscrew four screws of the bracket and remove it.
- Mount the HDD or SSD into the bracket with four screws.
- Connect the Serial ATA and power cable to the HDD or SSD.
- Install the HDD or SSD & bracket in the chassis and tighten the HDD or SSD & bracket with four screws.



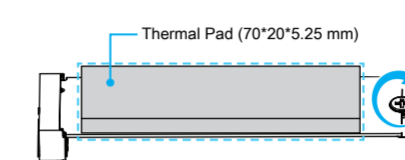
The product's colour and specifications may vary from the actually shipped product.

D. M.2 Device Installation

Notice for M.2 slots:
 When CN5 is occupied by NVME device, CN6 only support SATA interface.



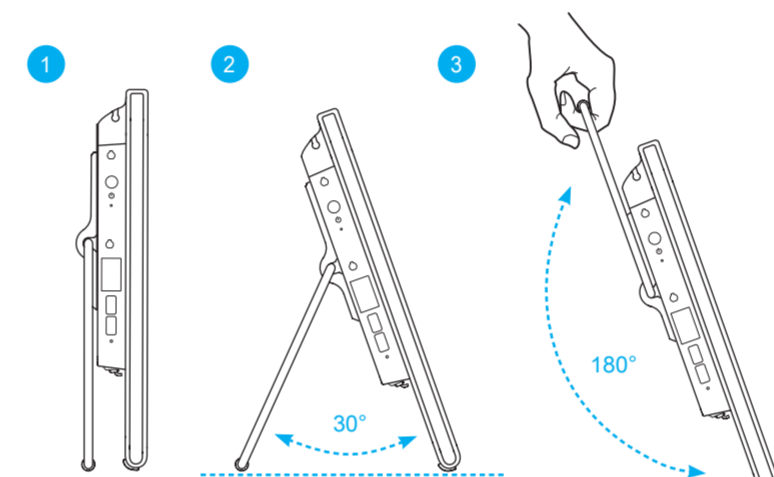
- Locate the M.2 key slots on the motherboard.
 > M.2 2280 M key slot
- Install the M.2 device into the M.2 slot and secure with the screw.



X50V9 only support one NVME device.
 Pasting a thermal pad on the M.2 SSD can effectively reduce its temperature.

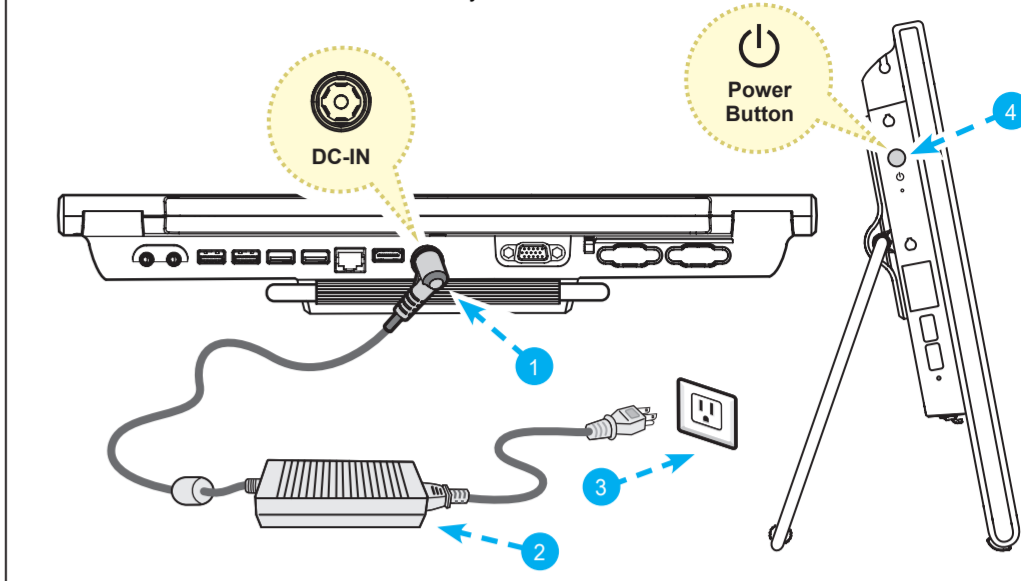
> Placing on a desk

- To place the machine on a desk and to carry it, do the following:
 - Place the X50V9 on a flat surface such as a table.
 - Pull the stand upwards to an angle of 30°.
 - To carry or move your X50V9, fully extend the angle to 180°.



> Powering on the system

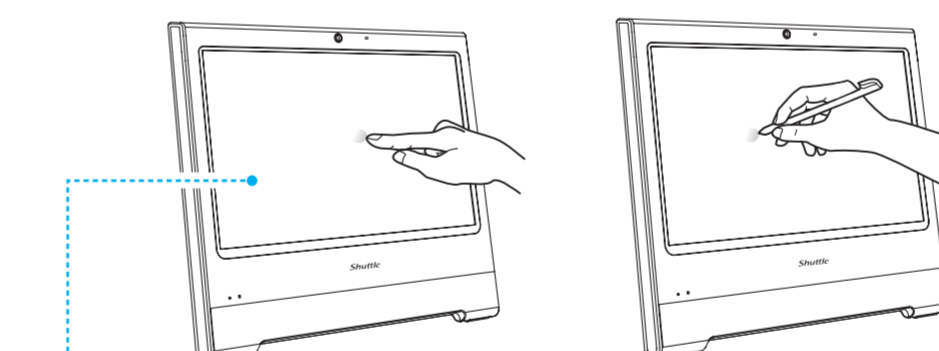
- Follow the steps (1~3) below to connect the AC adapter to the "DC-IN jack". Press the "Power Button" to turn on the system.



> How to use the Touch Panel

- Experience the ease of managing your digital life with a few touches by using the stylus. The touch of your finger replaces the mouse and this is all you need to interact with the X50V9.

Touch = left-click on the mouse
 Touch and hold = right-click on the mouse



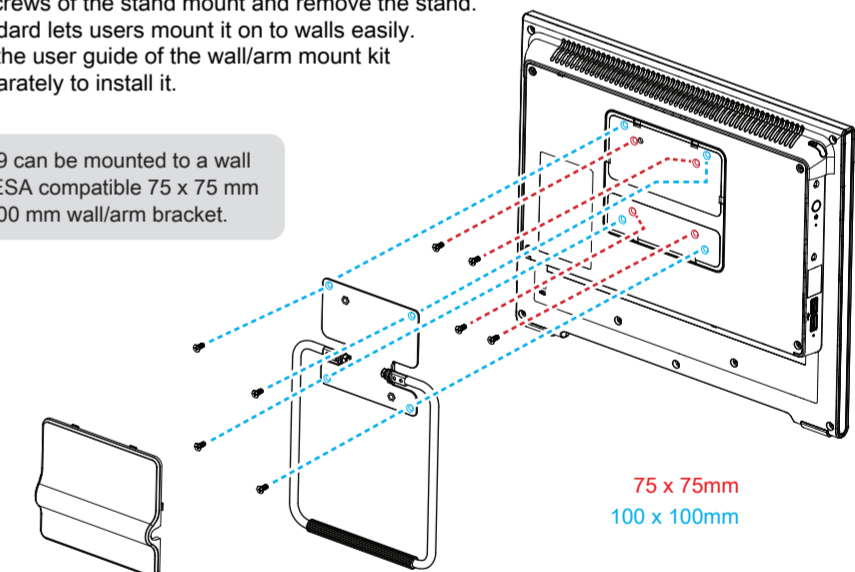
Cleaning the screen
 Follow these guidelines for cleaning the outside and handling the screen of the computer:
 Turn off the system and disconnect all cables. Use a cleaning cloth which is soft, lint-free and a little damp to gently wipe the screen surface. Do not spray liquids directly onto the device.

> VESA mounting it to the wall

- If you are mounting your X50V9 to a wall, remove the cover on the back of the X50V9 first.

Unscrew four screws of the stand mount and remove the stand. The VESA standard lets users mount it on to walls easily. Please refer to the user guide of the wall/arm mount kit you bought separately to install it.

The X50V9 can be mounted to a wall using a VESA compatible 75 x 75 mm or 100 x 100 mm wall/arm bracket.



Safety Information / 安全資訊 / Sicherheitshinweise / Informations de sécurité / Información de seguridad / 安全に関する情報 / Информация о безопасности / 安全信息

Incorrectly replacing the battery may damage this computer.
 Replace only with the same or equivalent as recommended by Shuttle. Dispose of used batteries in accordance with the laws of your country.

更換電池方式錯誤可能會損壞本電腦以及引發爆炸、火災或其他危險。
 僅能依 Shuttle 的建議, 以相同或同等電池更換。
 請根據您所在國家/地區的法律規定處理廢電池。

Das unkorrekte Austauschen der Batterie kann diesen Computer beschädigen. Ersetzen Sie die Batterie nur durch den gleichen Typ oder ein gleichwertiges, von Shuttle empfohlenes Modell. Entsorgen Sie gebrauchte Batterien gemäß den gesetzlichen Vorschriften in Ihrem Land. Ne pas remplacer correctement la pile peut endommager l'ordinateur. Remplacez-la uniquement par un modèle identique ou un équivalent comme recommandé par Shuttle. Éliminez les piles usagées conformément à la législation en vigueur dans votre pays.

La sustitución incorrecta de la batería puede dañar este equipo. Sustituya la batería únicamente por una igual o equivalente recomendada por Shuttle. Elimine las pilas usadas de acuerdo con los requisitos legales de su país. Батарею не следует заменять на другую модель. Заменяйте батарею только на такую же или эквивалентную, рекомендованную производителем Shuttle или быть идентичной предыдущей. Утилизируйте использованные батареи в соответствии с законодательством вашей страны. 更換電池方式錯誤可能會損壞本電腦。僅能依 Shuttle 的建議, 以相同或同等的電池更換。請根據您所在國家/地區的法律規定處理廢電池。

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 interference that may cause undesired operation. This device meets the requirements for the EU conformity in accordance to the currently valid EU directives. Dieses Produkt erfüllt die Anforderungen für die EU-Konformität entsprechend der aktuell geltenden EU-Richtlinien. Ce produit répond aux exigences de la conformité UE suivant les directives européennes actuellement en vigueur.

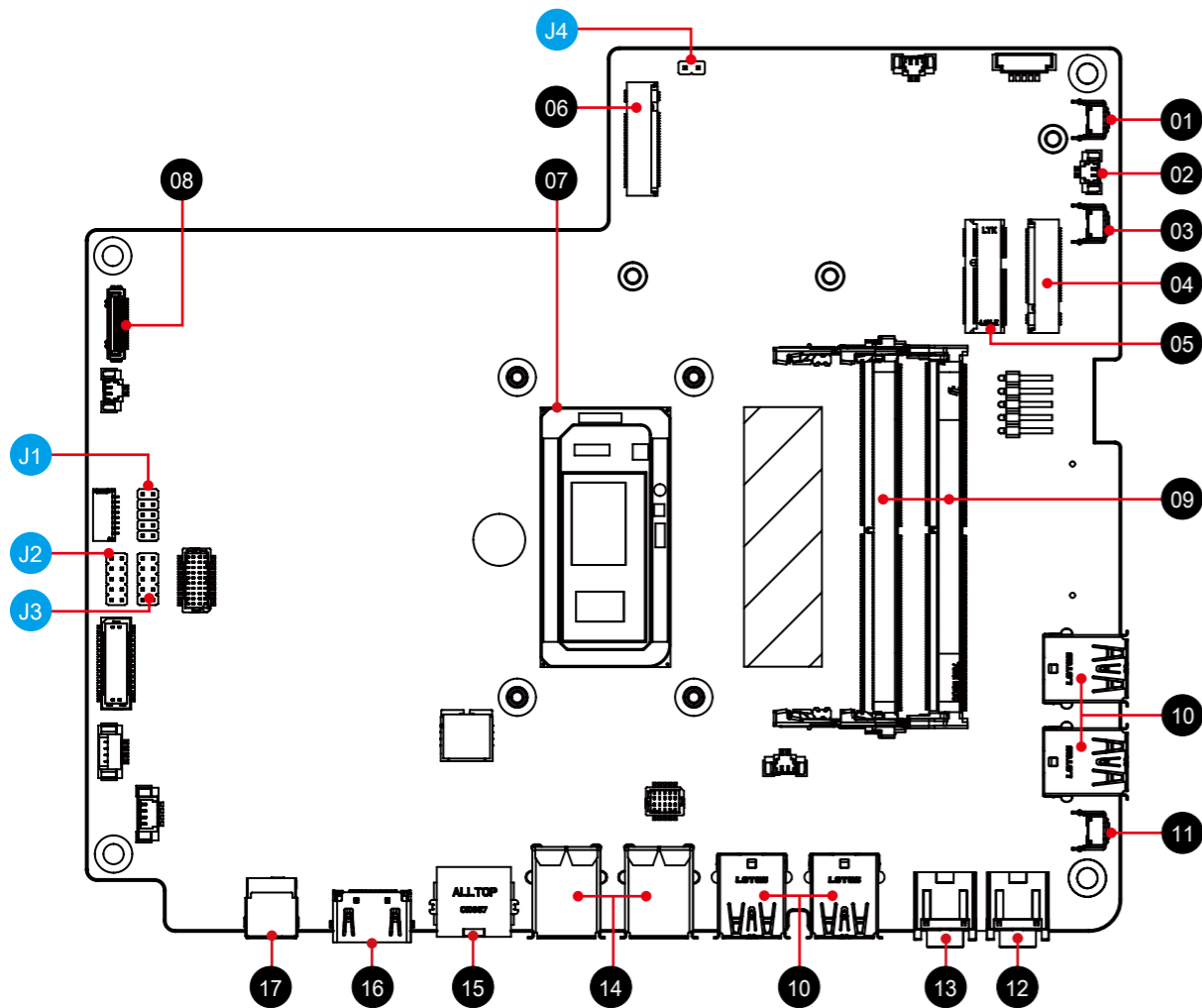
- 注意: 仅适用于海拔 2000m 以下安全使用, 在海拔 2000m 以上使用时, 可能有安全隐患。
- 注意: 仅适用于在非热带气候条件下安全使用, 在热带气候条件下使用时, 可能有安全隐患。
- 注意: 允许产品使用的最高环境温度为 40°C。
 * The equipment was evaluated for use in a maximum air ambient temperature of 40°C.
 產品宣告最大適用環境溫度為 40°C。

- 警告 (於產品本體、說明書及外包裝標示): 使用過度恐傷害視力。
 - 注意事項 (於產品說明書及外包裝標示):
 - 使用30分鐘請休息10分鐘。
 - 2歲以下幼兒不看螢幕, 兩歲以上每天看螢幕不要超過1小時。
- All bundled parts, power cord included, shall not be used without this product.
 電源ケーブル等、すべての付属品は本機以外ではご使用になれません。

WARNING THIS PRODUCT CONTAINS A BUTTON BATTERY

If swallowed, a lithium button battery can cause severe or fatal injuries within 2 hours. Keep batteries out of reach of children. If you think batteries may have been swallowed or placed inside any part of the body, seek immediate medical attention.

The product contains non-replaceable batteries
 The statement "remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate."
 (a) Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
 (b) Even used batteries may cause severe injury or death.
 (c) Call a local poison control center for treatment information.
 (d) Indicating the compatible battery type CR2032.
 (e) Indicating the nominal battery voltage.
 (f) Non-rechargeable batteries are not to be recharged.
 (g) Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

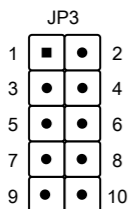


- 01. Power Button (SW2)
電源按鈕 (SW2)
Ein-/Aus-Button (SW2)
Bouton d'alimentation (SW2)
Botón de encendido (SW2)
電源スイッチ (SW2)
Кнопка питания (SW2)
电源按钮 (SW2)
- 02. Power on connector (CN3)
電源插槽 (CN3)
Anschluss für Einschalt-Button (CN3)
Connecteur pour bouton d'allumage (CN3)
Conexión para botón de encendido (CN3)
電源用コネクタ (CN3)
Разъем включения питания (CN3)
电源插槽 (CN3)
- 03. Hole for Hidden Power Button
隱藏式電源孔
Loch für versteckten Power Button
Trou pour bouton d'allumage dissimulé
Orificio para botón de encendido
隠し電源スイッチ穴
Отверстие для скрытой кнопки питания
隱藏式電源孔
- 04. M.2 2280 M key slot (CN5)
(for PCIe or WWN04/PCIe Gen4x4)
M.2 2280 M key 插槽
M.2-2280 (M) Steckplatz
Emplacement M.2 2280 M
Ranura M.2 2280 M
M.2 2280 M キースロット
Слот M.2 2280 M ключ
M.2 2280 M key 插槽
- 05. M.2 2230 E Key Slot
M.2 2230 E key 插槽
M.2-2230 (E) Steckplatz
Emplacement M.2 2230 E
Ranura M.2 2230 E
M.2 2230 E キースロット
Слот M.2 2230 E ключ
M.2 2230 E key 插槽
- 06. M.2 2280 M key slot (CN6)
(for PCIe or SATA SSD/PCIe Gen4x4)
M.2 2280 M key 插槽
M.2-2280 (M) Steckplatz
Emplacement M.2 2280 M
Ranura M.2 2280 M
M.2 2280 M キースロット
Слот M.2 2280 M ключ
M.2 2280 M key 插槽
- 07. Intel® Raptor lake-U Series processor
Intel® Raptor lake-U Series 處理器
Intel® Raptor lake-U Series Prozessor
Procesador Intel® Raptor lake-U Series
Процессор Intel® Raptor lake-U Series
Intel® Raptor lake-U Series 处理器
- 08. SATA 3.0 6Gb/s connector
SATA 3.0 6Gb/s 插槽
SATA 3.0-Anschlüsse (6 Gb/s)
Connecteurs SATA 3.0 6Gb/s
Base de conexiones SATA 3.0 6Gb/s
SATA 3.0 6Gb/s コネクタ
Разъем SATA 3.0 6 Гбит/с
SATA 3.0 6Gb/s 接口
- 09. DDR5 SO-DIMM Slots
DDR5 SO-DIMM 插槽
DDR5 SO-DIMM Steckplätze
Slot mémoire SO-DIMM DDR5
Zócalo de DDR5 SO-DIMM
DDR5 SO-DIMM 插槽
Слот памяти DDR5 SO-DIMM
DDR5 SO-DIMM 插槽
- 10. USB 3.2 Gen 1 Ports
USB 3.2 Gen 1 連接埠
USB 3.2 Gen 1-Anschlüsse
Prises USB 3.2 Gen 1
Puertos USB 3.2 Gen 1
USB 3.2 Gen 1 ポート
USB 3.2 Gen 1 端口
- 11. Clear CMOS button
清除 CMOS 鈕
Clear CMOS Button
Bouton de reset CMOS
Botón clear CMOS
クリアCMOSボタン
Кнопка сброса памяти CMOS
清除 CMOS 鈕
- 12. MIC-in \ 麥克風插孔
Mikrofon-Anschluss \ Entrée Micro
Entrada del micrófono \ マイク
Гнездо для микрофона \ 麦克风插孔
- 13. Headphones \ 耳機孔 \ Kopfhörer-Anschluss
Prise casque \ Conector para auriculares
イヤホン \ Гнездо для наушников \ 耳机孔
- 14. USB 3.2 Gen 2 Ports
USB 3.2 Gen 2 連接埠
USB 3.2 Gen 2-Anschlüsse
Prises USB 3.2 Gen 2
Puertos USB 3.2 Gen 2
USB 3.2 Gen 2 ポート
USB 3.2 Gen 2 端口
- 15. LAN Port
網路連接埠
Netzwerk-Anschluss
Prise LAN
Puerto LAN
LAN ポート
Сетевые LAN-порты
LAN 端口
- 16. HDMI Port
HDMI 連接埠
HDMI-Anschluss
Prise HDMI
Puerto HDMI
HDMI ポート
HDMI 端口
- 17. Power Jack (DC IN)
DC 電源連接埠
DC-Stromanschluss
Prise alimentation DC
Conexión de la fuente de alimentación (CC)
DC 電源 端口
Гнездо для подключения питания (DC IN)
电源插孔 (直流电输入)

Jumper Settings

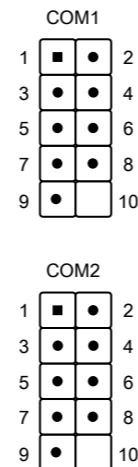
Jumper 設定 \ Jumper-Einstellungen \ Réglages cavaliers \ Configuración de los puentes \ ジャンパー設定 \ Настройки переключателя \ Jumper 設定

- J1 COM 1 & COM 2 power switch
COM 1 & COM 2 電源開關
Konfiguration von COM 1 & COM 2
Gestion de l'alimentation des COM 1 & COM 2
COM 1 & COM 2 Enchufe Interruptor
COM 1 & COM 2 電源 スイッチ
Переключатель питания COM 1 & COM 2
COM 1 & COM 2 电源开关



JP3	
Pin	Signal Name
1	-XRI1
2	COM_-XRI1
3	-XRI2
4	COM_-XRI2
5	+5P0V_S0
6	+5P0V_S0
7	COM1_PWR
8	COM2_PWR
9	+12P0V_S0
10	+12P0V_S0

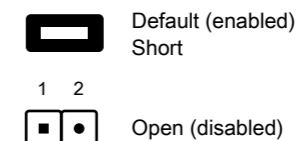
- J2 J3 COM Port \ COM 插座 \ COM-Ausgang \ Port COM
Puerto COM \ COM へッダ \ COM-порт \ COM 接头



J2 COM1	
Pin	Signal Name
1	COM_DCD1P_485TX-
2	COM_RX1P_485TX+
3	COM_TXD1P_422RX-
4	COM_DTR1P_422RX+
5	GND
6	DSR1P
7	RTS1P
8	CTS1P
9	COM_-XRI1
10	NULL

J3 COM2	
Pin	Signal Name
1	DCD2P
2	RX2P
3	TXD2P
4	DTR2P
5	GND
6	DSR2P
7	RTS2P
8	CTS2P
9	COM_-XRI2
10	NULL

- J4 Enable Power of SW2 & CN3
啟用電源SW2和CN3
Aktivierung von SW2 & CN3
Activation de SW2 & CN3
Activación de SW2 y CN3
SW2とCN3の電源を有効にする
Включите питание SW2 и CN3
启用电源SW2和CN3



JP1	
Pin	Signal Name
1	Enable_SW2_CN3
2	GND