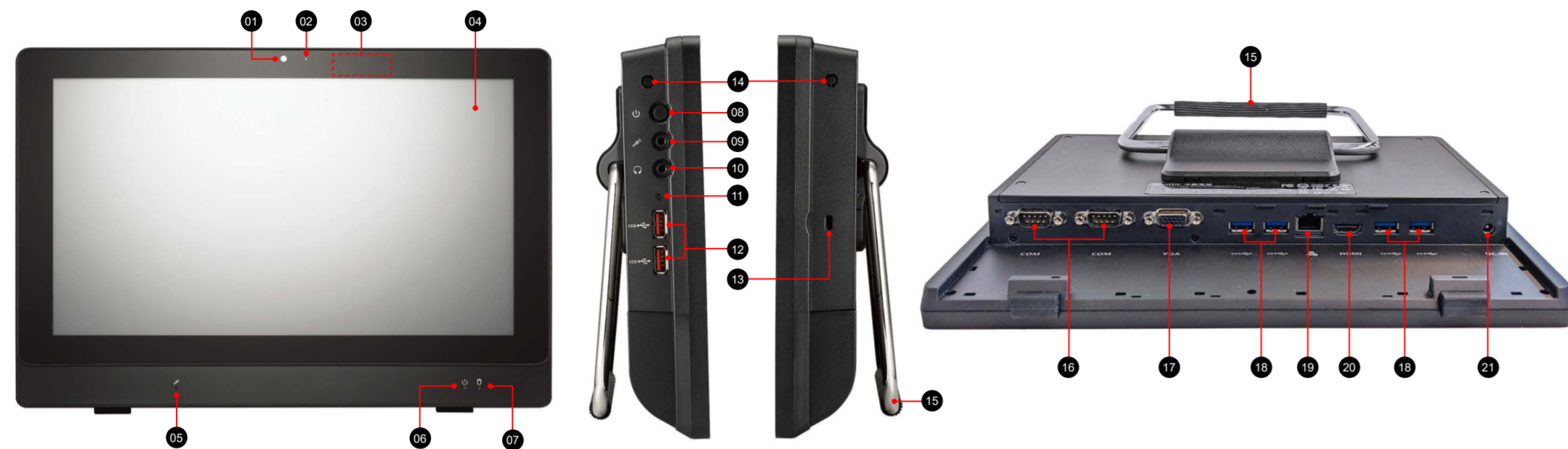


53R-P25N03-001

More information on this product can be found at: <https://bit.ly/P25NSERIES>
 更多本產品資訊, 請蒞臨: <https://bit.ly/P25NSERIES>
 Weitere Informationen zu diesem Produkt finden Sie unter: <https://bit.ly/P25NSERIES>
 Pour plus d'informations sur ce produit, visitez: <https://bit.ly/P25NSERIES>

Puede encontrar más información sobre este producto en: <https://bit.ly/P25NSERIES>
 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。 <https://bit.ly/P25NSERIES>
 Для получения дополнительной информации об этом продукте перейдите по ссылке: <https://bit.ly/P25NSERIES>
 更多本产品信息, 请访问: <https://bit.ly/P25NSERIES>

Product Overview \ 產品外觀 \ Produktübersicht \ Présentation du produit \ Resumen del producto \ 製品概要 \ Обзор продукта \ 产品外观



- 01. Webcam
- 02. Webcam status LED
- 03. Mono speaker
- 04. LCD display (Multi-touch)
- 05. Microphone
- 06. Power LED
- 07. Hard disk drive LED
- 08. Power Button
- 09. Microphone Jack
- 10. Headphone / Line-out jack
- 11. Clear CMOS button
- 12. USB 3.2 Gen 2 Ports
- 13. Kensington® Lock Hole
- 14. Perforation for optional WLAN
- 15. Stand / Handle
- 16. COM 1 and COM 2 ports
- 17. D-Sub (VGA) port
- 18. USB 3.2 Gen 1 Ports
- 19. LAN Port
- 20. HDMI Port
- 21. Power jack (DC-IN)

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 \ 硬件安装

A. Begin Installation B. HDD or SSD Installation

A. Begin Installation

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

1. Place the P25N on a flat surface such as a table. Follow the steps (e-f) (Push)-c-b-a) to replace the back cover and stand. Follow the steps (a-b-c-d-e) to remove the stand and back cover.

(Stand / Handle) Pull it upward.

B. HDD or SSD Installation

1. Mount the HDD or SSD into the bracket with the three screws.
 2. Tear off the adhesive tape of the serial ATA and power cable.
 3. Connect the Serial ATA and power cable to the HDD or SSD.
 4. Install the HDD or SSD & bracket in the chassis and tighten the HDD or SSD & bracket with three screws.

3. Place the cable/cord/wire inside the box and stow the extra cable lengths before closing the cover.

2. Remove the line collection box cover, as shown. Pull it upward.

Line collection box cover

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

C. Memory Module Installation D. M.2 Device Installation > Jumper Settings

C. Memory Module Installation

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

1. Locate the SO-DIMM slot on the motherboard.
 2. Align the notch of the memory module with the one of the relevant memory slot.
 3. Gently insert the module into the slot in a 45-degree angle.
 4. Carefully push down the memory module until it snaps into the locking mechanism and put back the mylar.

D. M.2 Device Installation

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

Pasting a thermal pad on the M.2 SSD can effectively reduce its temperature.

Jumper Settings

AC Back Auto Power ON
 回電自動開啟
 Automatisches Einschalten bei Spannungsversorgung
 Démarrage automatique à la mise sous tension
 Encendido automático con suministro de corriente
 AC自動電源オン
 Восстановление AC Авто включение
 回电自动开启

Pin	Signal Name	Default
1	Disable_N	Short (disabled)
2	GND	Open (enabled)

> VESA mounting it to the wall > Powering on the system

> VESA mounting it to the wall

If you are mounting your P25N to a wall, remove the cover on the back of the P25N 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.

M4*10 (x 4)

> Powering on the system

Follow the steps (1-3) below to connect the AC adapter to the power jack (DC-IN). Press the (4) Power button to turn on the system.

Please press the "Del" key while booting to enter BIOS. Here, please load the optimised BIOS settings.

> Placing on a desk

> Placing on a desk

To place the machine on a desk and to carry it, do the following:

- Place the P25N on a flat surface such as a table.
- Pull the stand upwards to an angle of 30°.
- To carry or move your P25N, fully extend the angle to 180°.

> How to use the Touch Panel

The touch of your finger replaces the input devices and is all you need to operate the P25N.

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.

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.

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.

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 заменяйте самостоятельно. Заменяйте только оригинальную батарею или батарею 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。

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.

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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, 可能有安全隱患。

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, 可能有安全隱患。

注意: 允许产品使用的最高环境温度为 40°C。产品宣告最大通用环境温度為 40°C。

* The equipment was evaluated for use in a maximum air ambient temperature of 40 °C.

產品宣告最大通用环境温度為 40°C。

1. 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。
 2. 注意事項 (於產品說明書及外包裝標示):
 (1) 使用 30 分鐘請休息 10 分鐘。
 (2) 2 歲以下幼兒不宜看螢幕, 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。

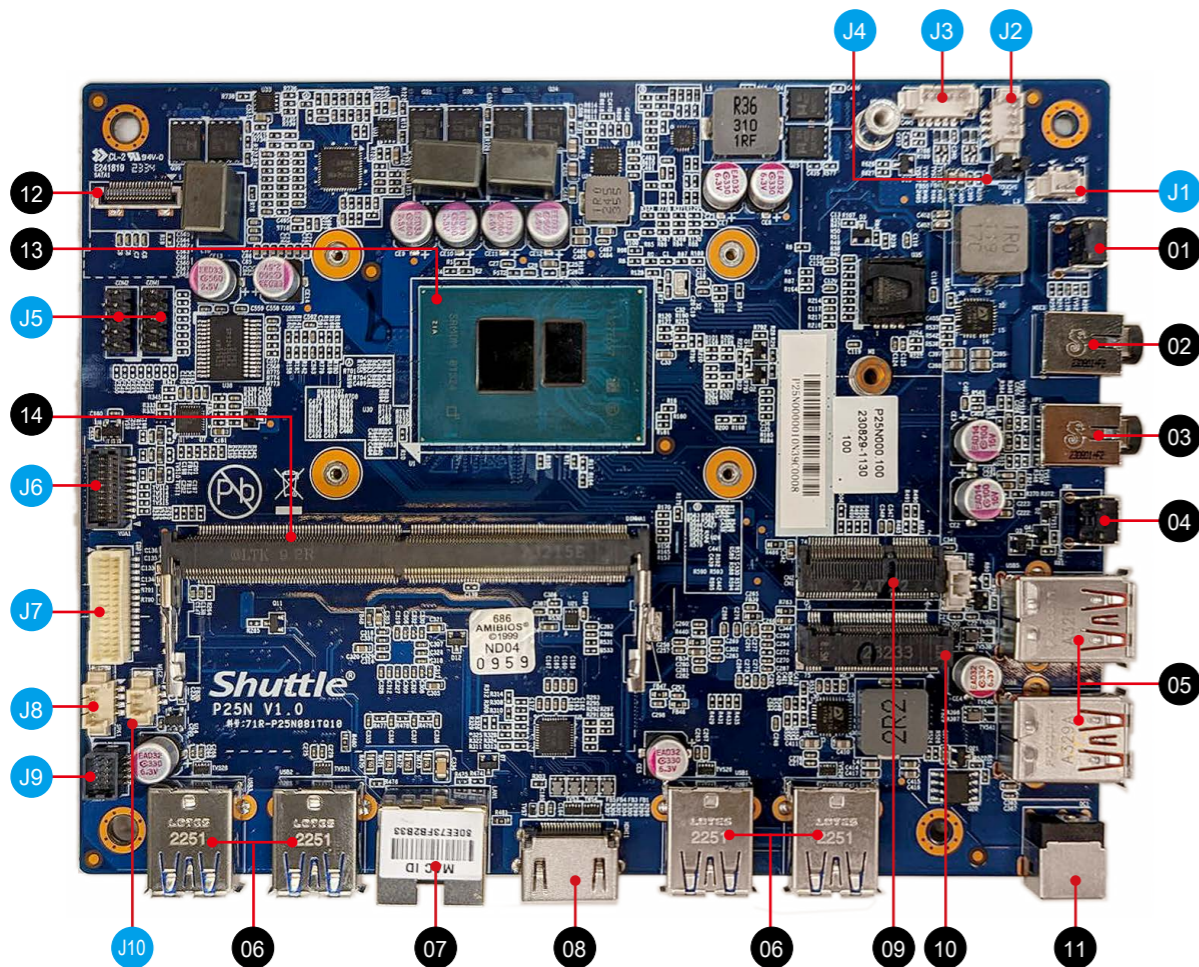
WARNING THIS PRODUCT CONTAINS A BUTTON BATTERY

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."

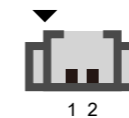
(a) Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
 (b) Even used batteries may cause severe injury or death.
 (c) Call a local poison control center for treatment information.
 (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
電源開關按鈕
Ein- / Aus-Button
Bouton d'alimentation
botón de encendido
電源ボタン
Кнопка питания
电源开关按钮
- 02. Microphone Jack
麥克風插孔
Mikrofon-Eingang
Entrée Micro
Entrada del micrófono
マイク入力端子
Гнездо микрофона
麦克风插孔
- 03. Headphones / Line-out Jack
耳機孔 / 音源輸出埠
Kopfhörer / Line-out Anschluss
Prise casque / Sortie audio
Conexión para auriculares / salida de audio
イヤホン / オーディオ出力端子
Наушники / Аудио разъем
耳机孔 / 音源輸出埠
- 04. 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
- 05. 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 порты
USB 3.2 Gen 2 端口
- 06. 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 порты
USB 3.2 Gen 1 端口
- 07. LAN Port
網路連接埠
Netzwerk-Anschluss
Prise réseau
Conector de red LAN
LAN ポート
LAN порт
网络端口
- 08. HDMI Port
HDMI 連接埠
HDMI-Anschluss
Prise HDMI
Puerto HDMI
HDMI ポート
HDMI порт
HDMI 端口
- 09. M.2 2230 E Key Slot
(PCIe Gen3 x1 / CNVi)
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
- 10. M.2 2280 M key slot
(PCIe Gen3 x2 / SATA 6Gbps)
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
- 11. Power jack (DC-IN)
電源輸入孔 (DC-IN)
Eingang zur Spannungsversorgung (DC-IN)
Prise d'alimentation (DC-IN)
Entrada para la alimentación de corriente (DC-IN)
DC-IN 接続部
Разъем питания (DC-IN)
电源输入孔 (DC-IN)
- 12. SATA 3.0 6Gb/s connector
SATA 3.0 6Gb/s 插槽
SATA 3.0-Anschluss (6 Gb/s)
Connecteur SATA 3.0 6Gb/s
Base de conexión 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
- 13. Intel® Processor Alder lake-N Series
Intel® Alder lake-N Series 處理器
Intel® Alder lake-N Series Prozessor
Processeur Intel® Alder lake-N Series
Procesador Intel® Alder lake-N Series
Intel® Alder lake-N Series プロセッサ
Процессор Intel® Alder lake-N Series
Intel® Alder lake-N Series 处理器
- 14. DDR5 SO-DIMM slot
DDR5 SO-DIMM 插槽
DDR5 SO-DIMM Steckplatz
Slot mémoire SO-DIMM DDR5
zócalo de DDR5 SO-DIMM
DDR5 SO-DIMM スロット
Слот памяти DDR5 SO-DIMM
DDR5 SO-DIMM 插槽

J1 Power on Switch \ 電源開關
 Ein/Aus-Schalter \ Interrupteur d'alimentation
 Interruptor de alimentación \ 電源スイッチ
 Переключатель включения питания \ 电源开关

CN3	
Pin	Signal Name
1	PWRSW#
2	PWRSW_G



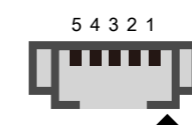
J2 Touch Panel Connector \ 觸控螢幕插座
 Anschluss für das Touchpanel \ Connecteur pour le panneau tactile
 Conexión para el panel táctil \ タッチパネル用コネクタ
 Разъем сенсорной панели \ 触摸屏接头

TOUCH1	
Pin	Signal Name
1	+5P0V_S5
2	USB_N
3	USB_P
4	GND



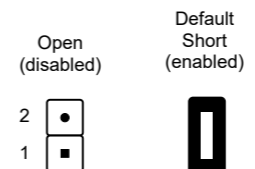
J3 Camera Connector \ 相機插座
 Anschluss für die Kamera \ Connecteur pour la caméra
 Conexión para la cámara \ カメラ用コネクタ
 Разъем камеры \ 相机接头

CAM1	
Pin	Signal Name
1	+5P0V_S5
2	USB_N
3	USB_P
4	GND
5	PCH_CAM_EN



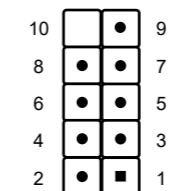
J4 AC auto power-on \ 回電自動開機電源
 Automatisches Einschalten bei Spannungsversorgung
 Démarrage automatique à la mise sous tension
 Encendido automático con suministro de corriente
 AC 自動電源オン
 Восстановление AC Авто включение
 回电自动开启电源

JP1	
Pin	Signal Name
1	AUTO_PWR_ON
2	GND



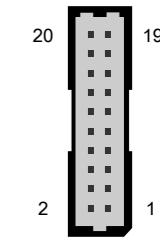
J5 COM Port \ COM 插座 \ COM-Ausgang
 Port COM \ Puerto COM \ COM ヘッダ
 COM- порты \ COM 接头

COM1 / COM2			
Pin	Signal Name	Pin	Signal Name
1	DCD	2	RXP
3	TXD	4	DTR
5	GND	6	DSR
7	RTS	8	CTS
9	XRI	10	NULL



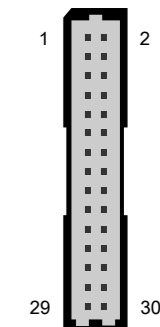
J6 VGA Connector \ VGA 插座 \ VGA-Anschluss
 Connecteur VGA \ Conector del VGA
 VGA コネクター \ VGA разъем \ VGA 接头

VGA1			
Pin	Signal Name	Pin	Signal Name
1	GND	11	HSYNC
2	GND	12	GND
3	VGASCL	13	GND
4	GND	14	GND
5	VGASDA	15	BOU
6	GND	16	VGA_PWR
7	GND	17	GOUT
8	GND	18	VGA_PWR
9	VSYNC	19	ROUT
10	GND	20	VGA_PWR



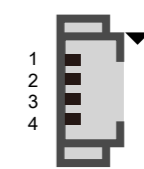
J7 EDP Connector \ EDP 插座 \ EDP-Anschluss
 Connecteur VGA \ Conector del EDP
 EDP コネクター \ EDP разъем \ EDP 接头

VGA1			
Pin	Signal Name	Pin	Signal Name
1	+INV_PWR_SRC	16	EDP_BKLCtrl
2	+INV_PWR_SRC	17	AUX_P
3	GND	18	EDP_BKLEN
4	+INV_PWR_SRC	19	AUX_N
5	DP0_N	20	GND
6	+INV_PWR_SRC	21	GND
7	DP0_P	22	GND
8	+INV_PWR_SRC	23	+PANEL_VDD
9	GND	24	GND
10	+INV_PWR_SRC	25	+PANEL_VDD
11	DP1_N	26	GND
12	NC	27	LCD_SELF_TEST
13	DP1_P	28	EDP_HPD
14	NC	29	GND
15	GND	30	GND

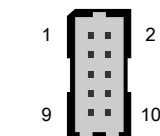


J8 Speaker Connector
揚聲器插座
Lautsprecher-Anschluss
Connecteur pour les haut-parleurs
Conexión para altavoces
スピーカー用コネクタ
Разъем динамика
揚声器接头

SPK1	
Pin	Signal Name
1	SPK_R1P
2	SPK_R1N
3	SPK_L1N
4	SPK_L1P

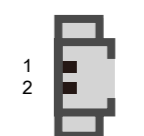


J9 LED Connector
LED 插座
LED-Anschluss
Connecteur LED
Conector del LED
LED コネクター
LED разъем
LED 接头



J10 Microphone Connector
麥克風插座
Mikrofon-Anschluss
Connecteur pour le microphone
Conexión para micrófono
マイク用コネクタ
Разъем микрофона
麦克风接头

MIC2	
Pin	Signal Name
1	MIC_IN
2	GND



LED1	
Pin	Signal Name
1	PWR_LED_P
2	PWR_LED_N
3	HDD_LED_P
4	HDD_LED_N
5	NC
6	NC
7	NC
8	GND
9	NC
10	NC