

Warranty Information

This product has a limited 1 year warranty in North America, Europe, and Australia.
For information on warranty periods in other regions, please contact your reseller or SilverStone authorized distributor.

Warranty terms & conditions

- Product component defects or damages resulted from defective production is covered under warranty.
Defects or damages with the following conditions will be fixed or replaced under SilverStone Technology's jurisdiction.
 - Usage in accordance with instructions provided in this manual, with no misuse, overuse, or other inappropriate actions.
 - Damage not caused by natural disaster (thunder, fire, earthquake, flood, salt, wind, insect, animals, etc..)
 - Product is not disassembled, modified, or fixed. Components not disassembled or replaced.
 - Warranty mark/stickers are not removed or broken.Loss or damages resulted from conditions other than ones listed above are not covered under warranty.
- Under warranty, SilverStone Technology's maximum liability is limited to the current market value for the product (depreciated value, excluding shipping, handling, and other fees). SilverStone Technology is not responsible for other damages or loss associated with the use of product.
- Under warranty, SilverStone Technology is obligated to repair or replace its defective products. Under no circumstances will SilverStone Technology be liable for damages in connection with the sale, purchase, or use including but not limited to loss of data, loss of business, loss of profits, loss of use of the product or incidental or consequential damage whether or not foreseeable and whether or not based on breach of warranty, contract or negligence, even if SilverStone Technology has been advised of the possibility of such damages.
- Warranty covers only the original purchaser through authorized SilverStone distributors and resellers and is not transferable to a second hand purchaser.
- You must provide sales receipt or invoice with clear indication of purchase date to determine warranty eligibility.
- If a problem develops during the warranty period, please contact your retailer/reseller/SilverStone authorized distributors or SilverStone <http://www.silverstonetek.com>.
Please note that: (i) You must provide proof of original purchase of the product by a dated itemized receipt; (ii) You shall bear the cost of shipping (or otherwise transporting) the product to SilverStone authorized distributors. SilverStone authorized distributors will bear the cost of shipping (or otherwise transporting) the product back to you after completing the warranty service; (iii) Before you send the product, you must be issued a Return Merchandise Authorization ("RMA") number from SilverStone. Updated warranty information will be posted on SilverStone's official website. Please visit <http://www.silverstonetek.com> for the latest updates.

Additional info & contacts

For North America (usasupport@silverstonetek.com)
SilverStone Technology in North America may repair or replace defective product with refurbished product that is not new but has been functionally tested. Replacement product will be warranted for remainder of the warranty period or thirty days, whichever is longer. All power supplies should be sent back to the place of purchase if it is within 30 days of purchase, after 30 days, customers need to initiate RMA procedure with SilverStone Technology in USA by first downloading the "USA RMA form for end-users" form from the below link and follow its instructions.
<http://silverstonetek.com/contactus.php>

For Australia only (support@silverstonetek.com)
Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Please refer to above "Warranty terms & conditions" for further warranty details.

SilverStone Technology Co., Ltd. 12F No. 168 Jiankang Rd., Zhonghe Dist., New Taipei City 235 Taiwan R.O.C. + 886-2-8228-1238
(standard international call charges apply)

For Europe (support.eu@silverstonetek.de)
For all other regions (support@silverstonetek.com)

SilverStone Technology Co., Ltd.

www.silverstonetek.com

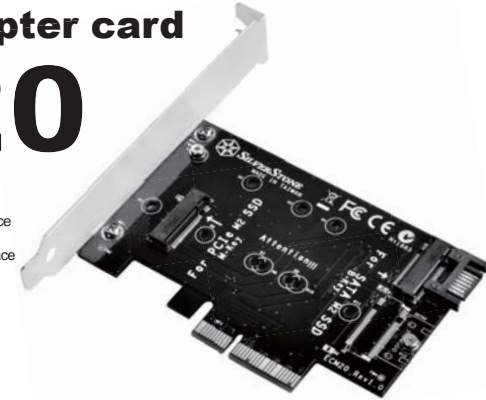
support@silverstonetek.com

NO: G11224160



SILVERSTONE[®]
Designing Inspiration

Dual M.2 to PCI-E x4 and SATA 6G adapter card ECM20



- Converts one M.2 port (M key) into one PCI-E x4 interface
- Converts a second M.2 port (B key) into SATA 6G interface
- Supports two M.2 SSD simultaneously
- Includes optional low-profile expansion slot
- No driver installation required

Introduction

SilverStone's ECM20 is an adapter designed for users wanting to utilize or add speedy M.2 devices such as SSD onto their existing PC or motherboard. In addition to supporting one M.2 device (M key) to run via the super fast PCI-E interface at up to 39Gbps, a second M.2 slot (B key) is available for connecting to a SATA III port for added storage potential. For users looking to have the fastest data access speed on a desktop computer, the ECM20 is a must have.

Specifications

Model Number	SST-ECM20	Number of Drives	2
Interface	PCI Express X4 / SATA 6Gbps	Support Type of M.2 SSD	2230, 2242, 2260 and 2280
SSD Interface	M.2 (NGFF)	Support Length of M.2 SSD	30mm, 42mm, 60mm, 80mm
Module Key	SATA-based B key, PCI-E 4X-based M key	Operating system support	Microsoft Windows, Mac OS X, Linux

Note: ECM20's 'M' key is for use only with PCI-E SSD, 'B' key is for use with only SATA SSD.
Note: B key SSD requires SATA 7 pin cable connected to motherboard to function.

Installation Chart

SATA Port

STEP 1

Install SATA based SSD to “B key” based M.2 slot and secure with screws.

DEUTSCH

Installieren Sie eine SATA-basiert SSD im „B-Schlüssel“-basierten M.2-Steckplatz und sichern Sie sie mit Schrauben.

ESPAÑOL

Instale el SSD basado en SATA en el zócalo M.2 “B” y fijelo con tornillos.

РУССКИЙ

Установите SSD-накопитель с поддержкой SATA в слот интерфейса M.2 с поддержкой “ключа B” и закрепите его винтами.

繁體中文

安裝 M.2 SATA SSD 於 ECM20 的插槽內，並鎖上螺絲固定。請注意，此插槽必須插入 “B Key” 的 SATA SSD。

한국어

SATA 기반 SSD를 “B 키” 기반 M.2 슬롯에 설치하고 나사로 고정합니다.

FRANCAIS

Placez le SSD dans l'emplacement M.2 sur la « clé B » et fixez-le définitivement grâce aux vis.

ITALIANO

Installare SSD su base SATA su alloggi “B Key” su base M.2 e fissare con viti.

繁體中文

安裝 M.2 SATA SSD 於 ECM20 的插槽內，並鎖上螺絲固定。請注意，此插槽必須插入 “B Key” 的 SATA SSD。

日本語

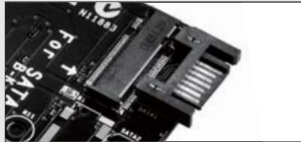
SATA ベース SSD を “B キー” ベースの M.2 スロットに装着してネジで固定します。

ไทย

ติดตั้ง SSD แบบ SATA ไปยังสล็อต M.2 แบบ “B คีย์” และยึดด้วยสกรู

STEP 2

Connect ECM20's SATA port to corresponding SATA port on the motherboard via 7pin SATA cable.



DEUTSCH

Installieren Sie eine SATA-basiert SSD im „B-Schlüssel“-basierten M.2-Steckplatz und sichern Sie sie mit Schrauben.

ESPAÑOL

Conecte el puerto SATA del ECM20 al correspondiente puerto SATA en la placa base mediante el cable SATA de 7 pines.

РУССКИЙ

Соедините разъем SATA устройства ECM20 с соответствующим разъемом SATA на системной плате с помощью 7-контактного SATA-кабеля.

繁體中文

將您的SATA線連接主板SATA 埠與ECM20的SATA插槽

한국어

ECM20의 SATA 포트를 7 핀 SATA 케이블을 통해 마더보드의 해당 SATA 포트에 연결합니다.

FRANCAIS

Connectez le port SATA de l' ECM20 au port SATA correspondant sur la carte-mère via un câble SATA 7 pins.

ITALIANO

Collegare la porta SATA di ECM20 alla corrispondente porta SATA sulla scheda madre utilizzando un cavo SATA 7pin.

繁體中文

將您的SATA線連接主機板SATA 埠與ECM20的SATA插槽

日本語

ECM20のSATAポートから7ピンSATAケーブル経由でマザーボードの対応するSATAポートに接続します。

ไทย

เชื่อมต่อพอร์ต SATA ของ ECM20 เข้ากับพอร์ต SATA บนเมนบอร์ดด้วยสายเคเบิล SATA 7 พิน

STEP 3

Insert ECM20 into the motherboard's compatible PCI-E (x4 or above) slot.

DEUTSCH

Stecken Sie den ECM20 in den kompatiblen PCI-E-Steckplatz (x4 oder höher) des Motherboards.

ESPAÑOL

Inserte el ECM20 en el zócalo PCI-E compatible de la placa base (x4 o superior).

РУССКИЙ

Вставьте ECM20 в слот системной платы,совместимый со стандартом PCI-E (x4 или выше).

繁體中文

將ECM20安裝于主板上的PCI-E插槽

한국어

ECM20을 마더보드의 호환되는 PCI-E (x4 이상) 슬롯에 끼웁니다.

FRANCAIS

Insérez l' ECM20 dans un emplacement compatible PCI-e (4x et plus) de la carte-mère.

ITALIANO

Inserire ECM20 nell'alloggio PCI-E (x4 o superiore) compatibile della scheda madre.

繁體中文

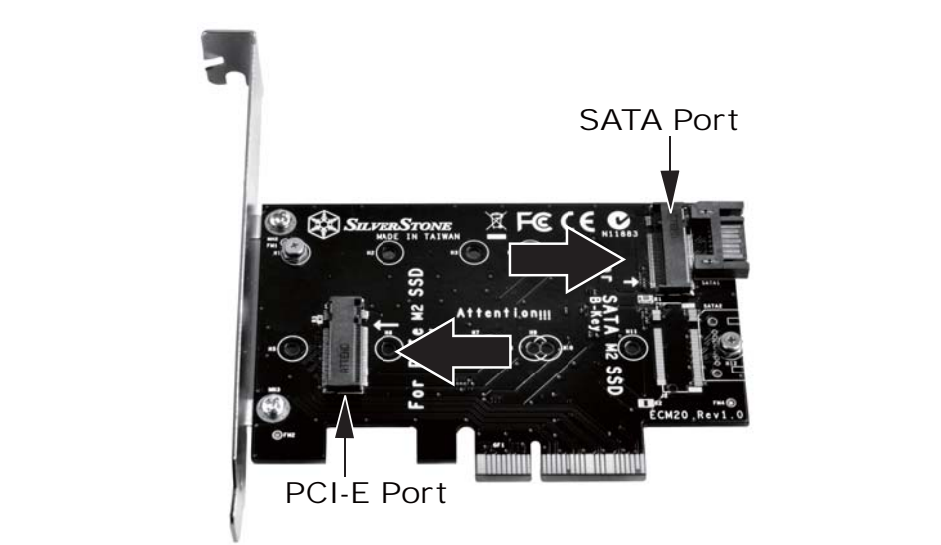
將ECM20安裝於主機板上的PCI-E插槽

日本語

ECM20をマザーボードのPCI-E (x4またはそれ以上) 互換スロットに装着します。

ไทย

เสียบ ECM20 เข้ากับสล็อต PCI-E (x4 ขึ้นไป) ที่ใช้ด้วยกันได้ของเมนบอร์ด



PCI-E Port

STEP 1

Install PCI-E based SSD to “M key” based M.2 slot and secure with screws.

DEUTSCH

Installieren Sie eine PCI-E-basiert SSD im „M-Schlüssel“-basierten M.2-Steckplatz und sichern Sie sie mit Schrauben.

ESPAÑOL

Instale el SSD basado en PCI-E en el zócalo M.2 “M” y fijelo con tornillos.

РУССКИЙ

Установите SSD-накопитель с поддержкой PCI-E в слот интерфейса M.2 с поддержкой “ключа M” и закрепите его винтами.

繁體中文

安裝 M.2 PCIe SSD 於 ECM20 的插槽內，並鎖上螺絲固定。請注意，此插槽必須插入 “M Key” 的 PCIe SSD

한국어

PCI-E 기반 SSD를 “M 키” 기반 M.2 슬롯에 설치하고 나사로 고정합니다.

FRANCAIS

Placez le SSD dans l'emplacement M.2 sur la « clé M » et fixez-le définitivement grâce aux vis.

ITALIANO

Installare SSD su base PCI-E su alloggi “M Key” su base M.2 e fissare con viti.

繁體中文

安裝 M.2 PCIe SSD 於 ECM20 的插槽內，並鎖上螺絲固定。請注意，此插槽必須插入 “M Key” 的 PCIe SSD

日本語

PCI-E ベース SSD を “M キー” ベースの M.2 スロットに装着してネジで固定します。

ไทย

ติดตั้ง SSD แบบ PCI-E ไปยังสล็อต M.2 แบบ “M คีย์” และยึดด้วยสกรู

STEP 2

Insert ECM20 into the motherboard's compatible PCI-E (x4 or above) slot.

DEUTSCH

Stecken Sie den ECM20 in den kompatiblen PCI-E-Steckplatz (x4 oder höher) des Motherboards.

ESPAÑOL

Inserire el ECM20 en el zócalo PCI-E compatible de la placa base (x4 o superior).

РУССКИЙ

Вставьте ECM20 в слот системной платы,совместимый со стандартом PCI-E (x4 или выше).

繁體中文

將ECM20安裝于主板上的PCI-E插槽

한국어

ECM20을 마더보드의 호환되는 PCI-E (x4 이상) 슬롯에 끼웁니다.

FRANCAIS

Insérez l' ECM20 dans un emplacement compatible PCI-e (4x et plus) de la carte-mère.

ITALIANO

Inserire ECM20 nell'alloggio PCI-E (x4 o superiore) compatibile della scheda madre.

繁體中文

將ECM20安裝於主機板上的PCI-E插槽

日本語

ECM20をマザーボードのPCI-E (x4またはそれ以上) 互換スロットに装着します。

ไทย

เสียบ ECM20 เข้ากับสล็อต PCI-E (x4 ขึ้นไป) ที่ใช้ด้วยกันได้ของเมนบอร์ด