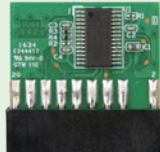


IEI Trusted Platform Module (TPM)

Hardware-based security solution for data protection and reliable authentication via TPM that stores key, passwords and digital certificates.

H/W Features

Solution	Infineon		SLB9665TT2.0
	SLB9660 TT1.2		
Features			
Secure Startup	Root of Trust Measurement of early boot devices		
Anti H/W Attack	Sensors and active shield		
TSS API Support	MS-CAP1/PKCS#11, #12		
H/W Certification			
Management Tool Function	1. TPM management 2. File & Folder En/De-cryption 3. Personal secure drive 4. Secure Email 5. Key transferring 6. Security policy configuration		
Market Segment	Complete TPM1.2/2.0 function		
TCG Specification	TCG 1.2/2.0 compliant trusted platform module		
Interface	Low pin count		
Software Structure	TCG software stack 1.2 complaint		
Cryptographic Accelerator	HAS-1/RSA algorithm		

IEI SBC with TPM support

Form factor	Model name	Form factor	Model name
PICMG1.3	PCIE-Q170-i2*	Micro-ATX	IMB-H110*
	SPCIE-C236-i2*		IMB-Q870-i2
	SPCIE-C2260-i2		IMB-H810-i2
	PCIE-H810		IMB-Q770
	PCIE-Q670		IMB-Q670
PICMG1.0	WSB-H810	Mini-ITX	IMB-H610A/H610B
	WSB-H610		KINO-DH310
Half-size PCIe	PICOe-B650		IKINO-BW
	PICOe-HM650		KINO-DBT
Half-size PCISA	PCISA-BT		KINO-SE/KBN-i2
ATX	IMBA-C2360-i2*		KINO-DH810
	IMBA-Q170-i2*		eKINO-BT
	IMBA-H110*		KINO-ABT-i2
	IMBA-BDE		KINO-AQ870
	IMBA-H810		KINO-QM871-i1
	IMBA-C2260-i2		KINO-QM770
	IMBA-Q870-i2		KINO-DH610
	IMBA-H610		KINO-AH612
EPIC SBC	IMBA-Q670		
	NANO-QM871		
	NANO-QM770		
	NANO-HM650		

* TPM 2.0 is supported by these models.

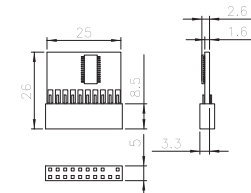
Pin Assignment

Pin	Sigнал	Pin	Sigнал	Pin	Sigнал	Pin	Sigнал
1	LCLK	6	VCC5	11	LAD0#	16	SERIRQ
2	GND	7	LAD3#	12	GND	17	GND
3	LFRAME#	8	LAD2#	13	SCL	18	CLKRUN#
4	KEYWAY	9	VCC3	14	SDA	19	LPCPD#
5	LRST#	10	LAD1#	15	SB3V	20	LDRQ#

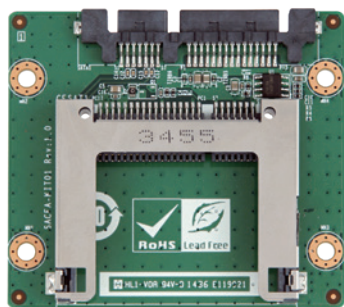
Ordering Information

Model Name	Description
TPM-IN01-R20	20-pin Infineon TPM1.2 module, software management tool, firmware v4.4
TPM-IN02-R20	20-pin Infineon TPM2.0 module, software management tool, firmware v5.5

Dimensions (mm)



SATA to CFast™ Converter Board



32801-000100-300-RS

SACFA-KIT01-R10

SATA to CFast™ converter board

Features

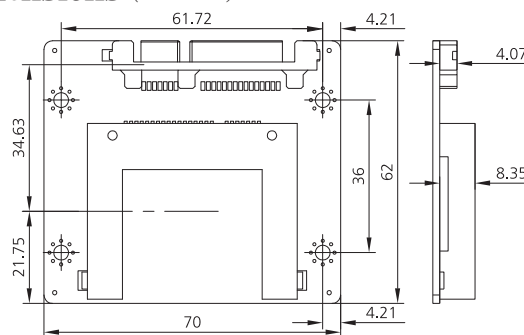
- CFast™ socket
- 7-pin SATA data connector, and a female 17-pin power CFast™ connector

Packing List

1 x SACFA-KIT01-R10

1 x QIG

Dimensions (Unit: mm)



Ordering Information

Part No.	Description
SACFA-KIT01-R10	SATA to 24-pin CFast™ socket converter board
32000-080700-RS	SATA 7+15P female to SATA 7P / PH 5.08 4P cable, L=200mm/100mm
32801-000100-100-RS	SATA 7+15P female to SATA 7P / PH 2.5 4P cable, L=200mm/200mm
32801-000201-100-RS	SATA 7+15P female to SATA 7P / PH 2.0 2P cable, L=150mm/150mm