



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 Comparison

Solution	 <p>Infineon SLB9635 TT1.2</p>
Features	
Secure Startup	Root of Trust Measurement of early boot devices
Anti H/W Attack	Sensors and active shield
TSS API Support	MS-CAPI/PKCS#11, #12
H/W Certification	
Management Tool Function	<ol style="list-style-type: none"> 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 function
TCG Specification	TCG 1.2 compliance trusted platform module
Interface	Low pin count
Software Structure	TCG software stack 1.2 complaint
Cryptographic Accelerator	HAS-1/RSA algorithm

Ordering Information

Model Name	Description
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17

IEI SBC with TPM support

Form factor	Model name	Form factor	Model name
ATX	IMBA-H610	Mimi-ITX	KINO-AQ870
	IMBA-C2060		KINO-DQM810
	IMBA-Q670		KINO-QM770
	IMBA-G410		KINO-AQ670
	IMBA-G412ISA		KINO-DH610
	IMBA-XQ354		KINO-AH611
microATX	IMBA-Q770	PICMG1.3 SBC	KINO-PV-D5253
	IMB-C2016		KINO-QM670
	IMB-H610		KINO-HM551
	IMB-H612		SPCIE-C2160
	IMB-C2060		SPCIE-C2060
	IMB-Q670		PCIE-H610
5.25" SBC	NOVA-PV	PICMG1.0 SBC	PCIE-Q670
	NOVA945GSE		PCIE-Q350
			PCIE-9652
EPIC	NANO-QM871	Half-size SBC	WSB-H610
	NANO-QM770		WSB-PV
	NANO-HM650		WSB-Q354
	NANO-HM551		WSB-9452
			PIC0e-B650
			PIC0e-HM650

Pin Assignment



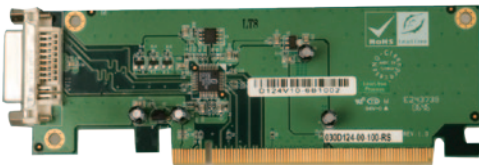
Pin	Singnal	Pin	Singnal
1	LCLK	11	LAD0#
2	GND	12	GND
3	LFRAME#	13	SCL
4	KEYWAY	14	SDA
5	LRST#	15	SB3V
6	VCC5	16	SERIRQ
7	LAD3#	17	GND
8	LAD2#	18	CLKRUN#
9	VCC3	19	LPCPD#
10	LAD1#	20	LDRQ#

TPM OS Supported List

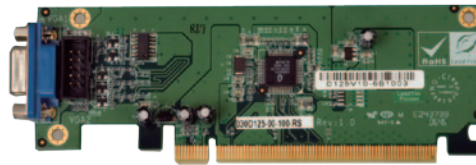
OS Supported	Infineon
Windows®	Windows® XP SP2, Windows® 7, Vista
Linux	Fedora 6 (Kemel 2.6.8 or above)

PCIe x16 SDVO Interface VGA/DVI Graphics Card

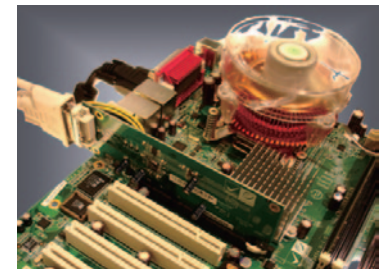
PCIe SDVO add-on card: IEI only Intel® dual display solution by PCIe x16 interface



SDVO-100DVI-R10



SDVO-100VGA-R10



The most cost effective dual display solution for IEI boards with customized BIOS.

Ordering Information

Part No.	Description
SDVO-100DVI-R10	DVI output, PCIe x16 add-on card by SDVO interface, Max. resolution 1600x1200
SDVO-100VGA-R10	VGA output, PCIe x16, add-on card by SDVO interface, Max. resolution 1600x1200
32100-154400-RS	SDVO PC bus wire cable (Connector pitch 2.0mm to 2.0mm) (SBC to PE & PXE series backplane only)
32100-154401-RS	SDVO PC bus wire cable (Connector pitch 2.54mm to 2.0mm) (SBC to PE & PXE series backplane only)

IEI SDVO Cards Support List

PCIMG 1.3 Board	Model	PCIE-G41A2, PCIE-Q350, PCIE-9652
Embedded Board	Model	IMBA-G410, IMBA-G412ISA, IMBA-Q454, IMBA-XQ354, IMBA-9454G, IMB-G41A, IMB-Q354, KINO-G410

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