

IEI Intelligent System Management Module



What is IEI Intelligent System Management Module?

The IEI Intelligent System Management Module (iSMM) is a system health supervision application which utilizes sensor chips on IEI motherboards to track CPU and system temperatures, fan speed, watchdog timer, digital I/O status and system event. By quickly capturing and reporting system health data, users can prevent disasters such as system instability or damage.

Features

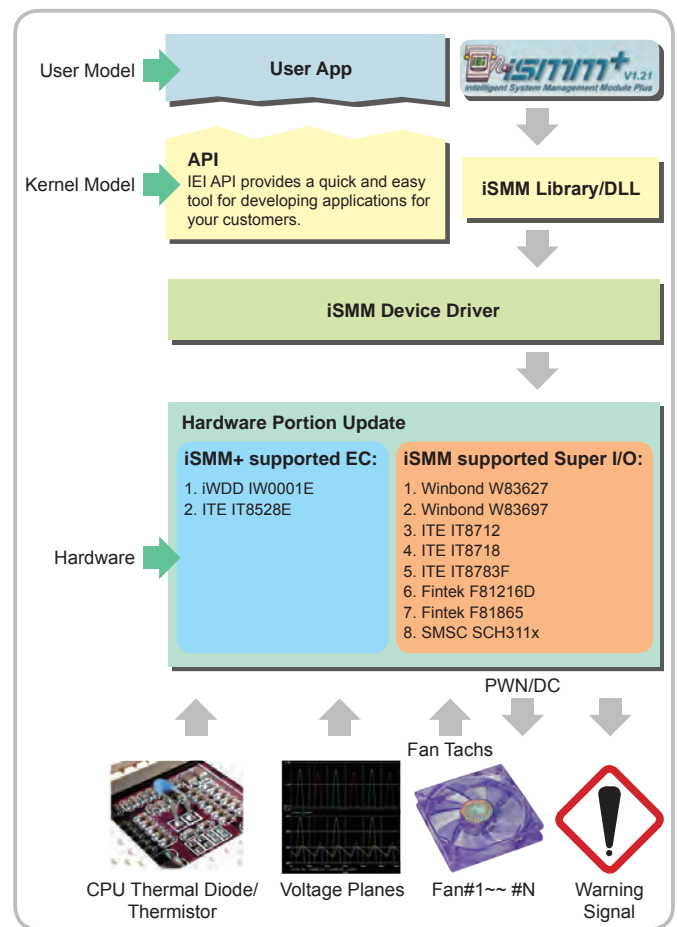
- Both local and remote management
- External and on-chip voltages data feedback
- CPU and system temperature data feedback
- Cooling fan speed data feedback
- Cooling fan speed controlled by PWM/On-Off/Automatic Mode
- Warning sound provided by the buzzer
- WDT test
- Programmable digital I/O
- Save and load system health configurations
- Remote power on/off control

Available Operation System

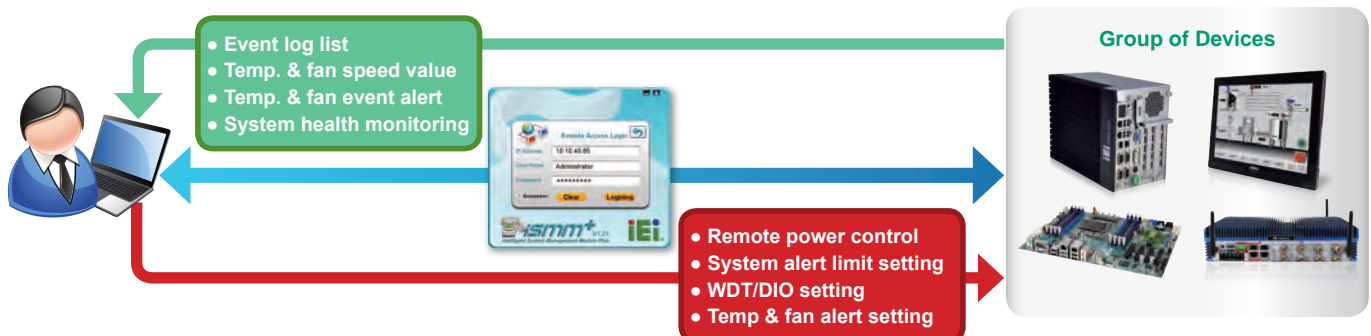
- Windows® XP
- Windows® Vista
- Windows® 7
- Windows® 8
- Windows® 10

Note: Please disable the UAC function or enable Administrator account while using iSMM+ remote management under Windows® Vista, Windows® 7, Windows® 8 and Windows® 10

Architecture



Remote Control and Management



Local/Remote Management

Local Management

Remote Management

Temp. Sensors
CPU + System temperature monitoring and alert limit setting

Fan
Dynamic fan speed monitoring, control and alert limit setting

Watchdog Timer
Trouble free watchdog timer testing

DIO
Easy digital I/O configuration

Smart Fan Control
Advanced fan setting for both CPU and system smart fan

Event List
Clear list for abnormal events with event name, event status and 1st generation time

Beep/Save/Load
Flexible user profile retrieval and beep function setting

Remote Power On/Off
Remotely turn off iSMM+ supported system and turn on system which supports remote wake-up

Full graphical user interface
Real-time access system
Efficient API functions

iSMM & iSMM+ Support List

Software	iSMM+			
Single Board Computer	HPCIE-Q170/C236	PCIE-Q870/H810/Q170	SPCIE-C2260-i2/C236	WSB-H810
	PCISA-BT	IMBA-H110	IMBA-Q170/C2360-i2	IMBA-H810
	IMBA-Q870/C2260-i2	IMB-H110	IMB-Q870-i2	iKINO-ULT3
	KINO-DQM170/DCM-236	KINO-AQ170	iKINO-BW	KINO-DBT
	KINO-DH810	eKINO-BT	KINO-DAL	iKINO-AL
	KINO-AQ870	KINO-DQM871	KINO-SE/KBN-i1	NANO-ULT3
	NANO-BT-i1/BTW2	NANO-QM81-i1	NANO-KBN/SE-i1	WAFER-BW
	WAFER-BTW2	WAFER-ULT/ULT2-i1	WAFER-BT-i1	WAFER-KBN-i1
Industrial System	HYPER-BW/BT/KBN	ICE-ULT3	ICE-BT-T6/T10	IQ7-BT/AL
	IKARPC-07A-BT	IKARPC-W10A-BT	IVS-300-ULT3	IVS-200-ULT2
	IVS-100-BT	IRS-100-ULT3	SBOX-100-QM87	TANK-6000-C226
	TANK-870-QM170	TANK-860-HM86	TANK-820-BW	TANK-801-BT
	TANK-760-HM86	TANK-610-BW	IDS-300-BW	uIBX-250-BW
Panel PC	uIBX-230-BT	ECN-380A-QM870	ECW-281B-BT	DRPC-120-BT
	POC-W22A-H81	PPC-F06B-BT	PPC-F08B-BT	PPC-F10B-BT
	PPC-F12B-BT	PPC-F15A-H81	PPC-F15B-BT	PPC-F17B-BT
	S19A-QM87	S24A-QM87	INOX-F15A	UPC-F12A

* iSMM+ is supported by products with platform above Haswell (4th Gen.) / Bay Trail / eKabini.

Software	iSMM			
Single Board Computer	SPCIE-C2160	PCIE-Q670-R20	WSB-H610	PICOe-B650
	PICOe-HM650	PICOe-PV-D5251-R11	PCISA-PV-D5251	IMBA-C604EP
	IMBA-C2160	IMBA-Q770	IMB-C2160	IMB-Q770
	IMB-G41A	KINO-QM770	KINO-CV-D25501	KINO-CVR-D25502
	NOVA-HM551	NOVA-PV-D5251-R11	NANO-QM770	NANO-CV-D25501
	WAFER-NM701-1007U	WAFER-CV-D25501	PM-PV-D5251-R11	NANO-CV-D25502
	ICE-CV-D25501 / ICE-CV-D25502	WAFER-CV-D25502		ICE-QM770
Industrial System	TANK-820-H61	TANK-800-D525	TANK-720-Q67	TANK-700-QM67
	TANK-600-D2550	uBIX-210-CV-N2600	ECN-380-QM77	ECW-281B-D2550
	DRPC-100-CV			
Panel PC	AFOLUX GEN III Panel PC	AFL3-12A-BT	AFL3-W07A-BT	AFL3-W10A-BT
	AFL3-W15A-BT	AFL3-W15B-H81	AFOLUX GEN II Panel PC	AFOLUX Panel PC
	IBS-19A Series	POC-17i-HM55	POC-19i-HM55	PPC-37xxA Series
	PPC-51xxA-H61 Series	UPC-V312-D525	UPC-V315-NM70	UPC-V316-QM77
	WIDS-5xxA-H61 Series			

* iSMM is supported by products with platform below Ivy Bridge (3th Gen.) / Cedarview.