

Item	Test method	5/2	Note
CPU	Bootable and program executable	OK	
SRAM		OK	
64-bit Hardware Serial Number	Serial Number readable	OK	
EEPROM	EEPROM Read/Write	OK	
microSD	1. boot up from microSD 2. read, write, copy, delete files	OK	
USB	USB devices test	OK	
Ethernet	Communication	OK	
RTC (Real Time Clock)	1. can set RTC 2. RTC value is correct after a power recycle	OK	
Dual Watchdog Timers	HW Watchdog	OK	
	CPU Watchdog	OK	
Button	F1:end, F2:del, F3:menu F4:home, F5:enter, F6:tab	OK	
LED Indicators	LED ON/OFF controllable	OK	
Audio	Record and play sound	OK	
Console port	Communication	OK	
RS-232	Communication	OK	
RS-485	Communication	OK	
Touch Panel	Display	OK	
	Touch	OK	
Buzzer		OK	
Battery level		OK	
i-8k modules	DI	OK	Access performance not determined yet
	DO	OK	
	AI: I-8017HW	OK	
	AO: I-8024W	OK	
	I-8144iW	OK	
i-87k modules	DI	OK	Access performance not determined yet
	DO	OK	
	AI	OK	
	AO	OK	