



Computer Memory Test Labs

Intel® Approved Final Test Report

Intel NUC Model	CHIPSET	TEST #	STATUS
NUC7i3BNH/NUC7i3BNK (Storage)	Intel® Kaby Lake	027160	PASSED

Flash Module Information

CMTL Part #: ITC008

Manufacturer: **Insignis Technology Cor** Manufacturer Part #: **NSS900K256-IP (i-Temp)**

Controller: **Marvel** Firmware: **0A8GNP1**

Size: **256GB** Type: **SSD** Environment Code: **RoHS**

Flash Information: **2.5" SATA III 6Gb/s**

SYSTEM INFORMATION	TESTING DETAILS
NUC Model: NUC7i3BNH/NUC7i3BNK (Storage)	35°C~55°C Temperature/Standard Voltage
Serial Number: GEBN6420062K	Start Date: 6/16/2017
Board Revision: J22859-301	Stop Date: 6/17/2017
Total Memory Count: 16GB	Insertion Test: Pass
Processor Code: Intel® Core™ i3-7100 @ 2.40GHz	Windows Installation: Pass
Bios At Time Of Test: BNKBL357.86A.0036.2017.0105.1112	55C Heat Testing: Pass
Incoming Inspection: Pass	S0 ~ S5 Test: Pass
Software Version: PassMark BurnIn Test Pro V8.1	100 Power Cycle Test: Pass

Incoming Inspection: Scan image, part number checked, size checked under bios, boot menu, and POST screen detection.

System OS and Test software Preparation: All Flash partition deleted, OS default installation with full size, boot to window desktop correctly, Pass BurnIn Test Pass Mark installation correctly, check temp sensor reported correctly, Windows Explorer detect flash correctly, Disk manger information reported correctly.

Power Management and Power Cycling: System can hibernate, sleep, warm boot, cold boot, power on correctly from all states, and can power cycle 100 time to OS.

Elevated Temperature Functional Testing: System passed 16 hours of heat running Pass BurnIn Test Pass Mark. BurnIn Test results in full details is saved for each test run. For more process details please visit <http://www.cmtlabs.com/2012/Intelapprovedflash1.asp>

Test Notes:

Test Start time Fri Jun 16 07:05:36 2017

Test Stop time Fri Jun 16 23:45:45 2017

Test Duration 016h 40m 09s

Temperature HDD 0 (INSIGNIS NSS900K256-IP) (Min/Current/Max) 37.0C / 57.0C / 59.0C

UUT under test reached +35°C

This flash drive was tested and Industrial certified at -40°C & +85°C without any error