



# Computer Memory Test Labs

## Intel® Approved Final Test Report

Intel NUC Model	CHIPSET	TEST #	STATUS
NUC7i5BNH/NUC7i5BNK (Storage)	Intel® Kaby Lake	027154	PASSED

### Flash Module Information

CMTL Part #: ITC007

Manufacturer: Insignis Technology Cor Manufacturer Part #: **NSS900K128-IP (i-Temp)**

Controller: **Marvel** Firmware: **0A7GNP1**

Size: **128GB** Type: **SSD** Environment Code: **RoHS**

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

SYSTEM INFORMATION	TESTING DETAILS
NUC Model: <b>NUC7i5BNH/NUC7i5BNK (Storage)</b>	<b>35°C~55°C Temperature/Standard Voltage</b>
Serial Number: <b>GEBN711004HZ</b>	Start Date: <b>6/14/2017</b>
Board Revision: <b>J31144-302</b>	Stop Date: <b>6/15/2017</b>
Total Memory Count: <b>16GB</b>	Insertion Test: <b>Pass</b>
Processor Code: <b>Intel® Core™ i5-7260U @ 2.20GHz</b>	Windows Installation: <b>Pass</b>
Bios At Time Of Test: <b>BNKBL357.86A.0042.2017.0303.1854</b>	55C Heat Testing: <b>Pass</b>
Incoming Inspection: <b>Pass</b>	S0 ~ S5 Test: <b>Pass</b>
Software Version: <b>PassMark BurnIn Test Pro V8.1</b>	100 Power Cycle Test: <b>Pass</b>

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 Wed Jun 14 14:45:24 2017

Test Stop time Thu Jun 15 07:25:32 2017

Test Duration 016h 40m 08s

Temperature HDD 0 (INSIGNIS NSS900K128-IP) (Min/Current/Max) 33.0C / 54.0C / 56.0C

UUT under test reached +35°C

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