



# Computer Memory Test Labs

## Intel® Approved Final Test Report

MOTHERBOARD	MANUFACTURER	CHIPSET	TEST #	STATUS
NUC7i7BNH	Intel	Intel® Kaby Lake	027076	PASSED

### MEMORY MODULE INFORMATION

**CMTL Part #: MIC067**

Manufacturer Name: **Micron**  
 Manufacturer Part #: **MTA16ATF2G64HZ-2G3B1**  
 DRAM Manufacturer: **Micron** Environment Code: **RoHS - Halogen Free**  
 DRAM Part #: **MT40A1G8WE-083E:B Rev B** Low Profile: **30mm LP**  
 Module Config: **2048M x 64** Cas Latency: **17**  
 Module Size: **16GB** Bank: **2**  
 PCB Part #: **1850 Rev A**  
 PCB Layer Count: **12 Layer** Assembly Type: **JEDEC Standard**  
 Module Information: **Unbuffered 1.2V Non-ECC 2400MHz DDR4 SODIMM**

SYSTEM INFORMATION	TESTING DETAILS
<p><b><u>MINIMUM SYSTEM INFORMATION</u></b></p> <p>           Minimum System: NUC7i7BNH            Serial Number: GEBN711005H8            Board Revision: J31145-302            Bios Memory Count: 16GB            Processor Code: Intel® Core™ i7-7567U @ 3.50GHz            Bios at time of test: BNKBL357.86A.0042.2017.0303.1854            RST PRO Count: 17G 1008M         </p> <p><b><u>MAXIMUM SYSTEM INFORMATION</u></b></p> <p>           Maximum System: NUC7i7BNH            Serial Number: GEBN711005TP            Board Revision: J31145-302            Bios Memory Count: 32GB            Processor Code: Intel® Core™ i7-7567U @ 3.50GHz            Bios at time of test: BNKBL357.86A.0042.2017.0303.1854            R.S.T PRO Count: 33G 1008M         </p>	<p style="text-align: center;"><b>55°C Temperature / Standard Voltage</b></p> <p>           Start Date: 4/26/2017            Stop Date: 4/28/2017            Insertion Test: Pass            SPD Check: Pass            Minimum Load: Pass            Maximum Load: Pass            S0 ~ S5 Test: Pass            Power Cycle Test: Pass            Test Card Version: R.S.T Premium v8.50         </p>

Microsoft Windows-7 64bit version is used as it support over 4GB memory and must support target chipset/CPU platform. All board drivers must be loaded when drivers are available on Intel web site. Front panel power cycling test, ACPI S3 sleep state cycling test, and Hibernate S4/S5 state cycling test is done up to 20 cycle each when the board support it. At least 2 loops of all test under R.S.T PRO3 to be completed.

#### Test Notes:

Min configuration, 5 Loops Passed, 0 Error; Memory speed running @ 2133MHz  
 Max configuration, 5 Loops Passed, 0 Error; Memory speed running @ 2133MHz