



Thermal & Function Test Report

SR700-X4M-A20X

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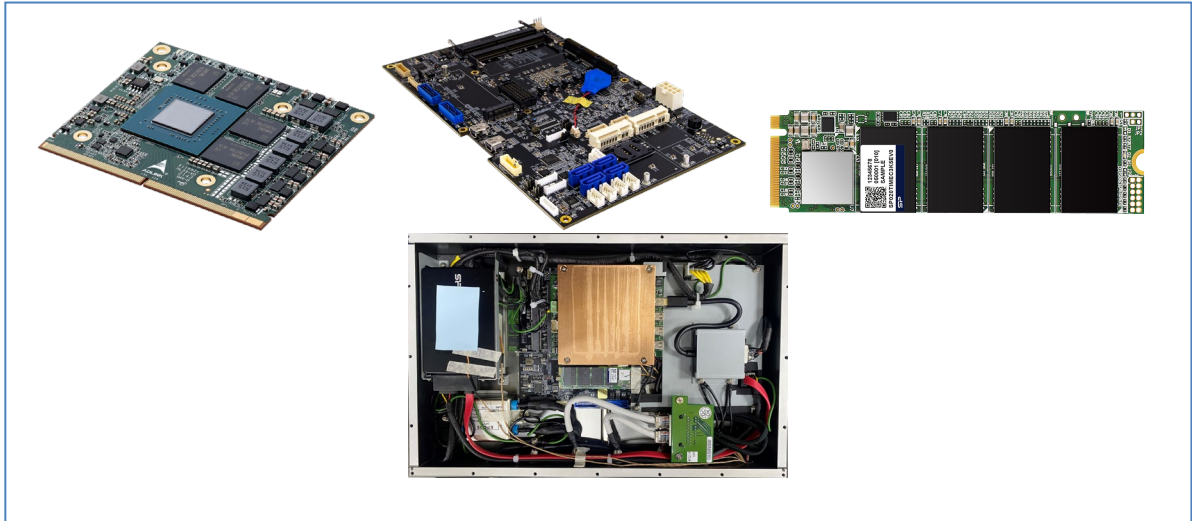
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1. SPECIFICATION

1-1. PHOTOS



1-2. SYSTEM CONFIGURATION

System Configuration	
Motherboard	OXY5741B Chipset: CM246 BIOS Version: 5.13 SMBIOS Version: 3.2
CPU	Intel® Xeon® E-2276ML Processor (12M Cache- 2.00 GHz) Total Cores: 6 Total Threads: 12 Max Turbo Frequency: 4.20 GHz Intel® Turbo Boost Technology 2.0 Frequency: 4.20 GHz Processor Base Frequency: 2.00 GHz Bus Speed: 8 GT/s TDP: 25 Walt
Memory	SAMSUNG M471A4G43AB1-CWE 32GB
Storage	Silicon Power SP020TIMEC3K5EV0WT 2TB
GPU	NVIDIA GeForce® A2000 MXM 3.1 Graphic Module, Form Factor: MXM 3.1, Type A (82mm x 70mm) Graphics Architecture: NVIDIA® Ampere™ GA107-980-A1 CUDA Parallel-Processing Cores: 2560 CUDA® cores GPU Base/Boost Clock: 1117 MHz / 1612 MHz Operating Temperature: 0 ~ 55 °C (Depending on CPU and cooler solution) Non-Operating Temperature: -40 °C ~ 85 °C

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2. TEST PLAN

2.1. THERMAL MEASUREMENT PROCESS

Test Purpose	<p>The purpose of performing thermal profile testing is to identify potential thermal issues with the EUT. Considering that semiconductor failure rates rise rapidly with increasing junction temperature, it can aid product reliability assessment.</p> <p>As the system cools down, the mode will change with stack selection, temperature/heat.</p> <p>Mapping can help develop the best tracking arrangements.</p>
Test Equipment	1. KSON THS-B4T-150 Chamber.
Quantity Tested	Minimum 1 Set
Test Software	<p>1. PassMark Burn-In Test(Ver.9.0) under Windows 10 Pro.</p> <p>2. AIDA64 stress GPU.</p>
Test Procedure	<p>1. Thermal pre-scan measurement: Temperature: -40°C~60°C/60%RH</p> <p>2. Actual thermal measurement:</p> <p>2-1. Select the test point based on the infrared photo and connect the thermocouple to the hot spot.</p> <p>2-2. Place the EUT into the hot chamber and set the test temperature curve Specification.</p> <p>2-3. Open the hot cell and power up the EUT, enter the Windows 10 Pro (22H2) environment and perform a maximum power test + stress application.</p> <p>2-4. After the EUT executes the test software for 8 hours, record the maximum heat generation of each thermocouple point.</p> <p>2-5. Turn off the hot cell and EUT.</p> <p>2-6. Verify and check that the recorded information for each component complies with the operating temperature range listed in the specification/approval sheet for each component being tested.</p> <p>Environment defines for 60 hours.</p>
Test Diagram of Curves	

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2.2. TEST RESULT <TEST ITEM>

2.2.1 TEMPERATURE CYCLE

Aging test of various parts at different temperatures under maximum load and full load conditions.

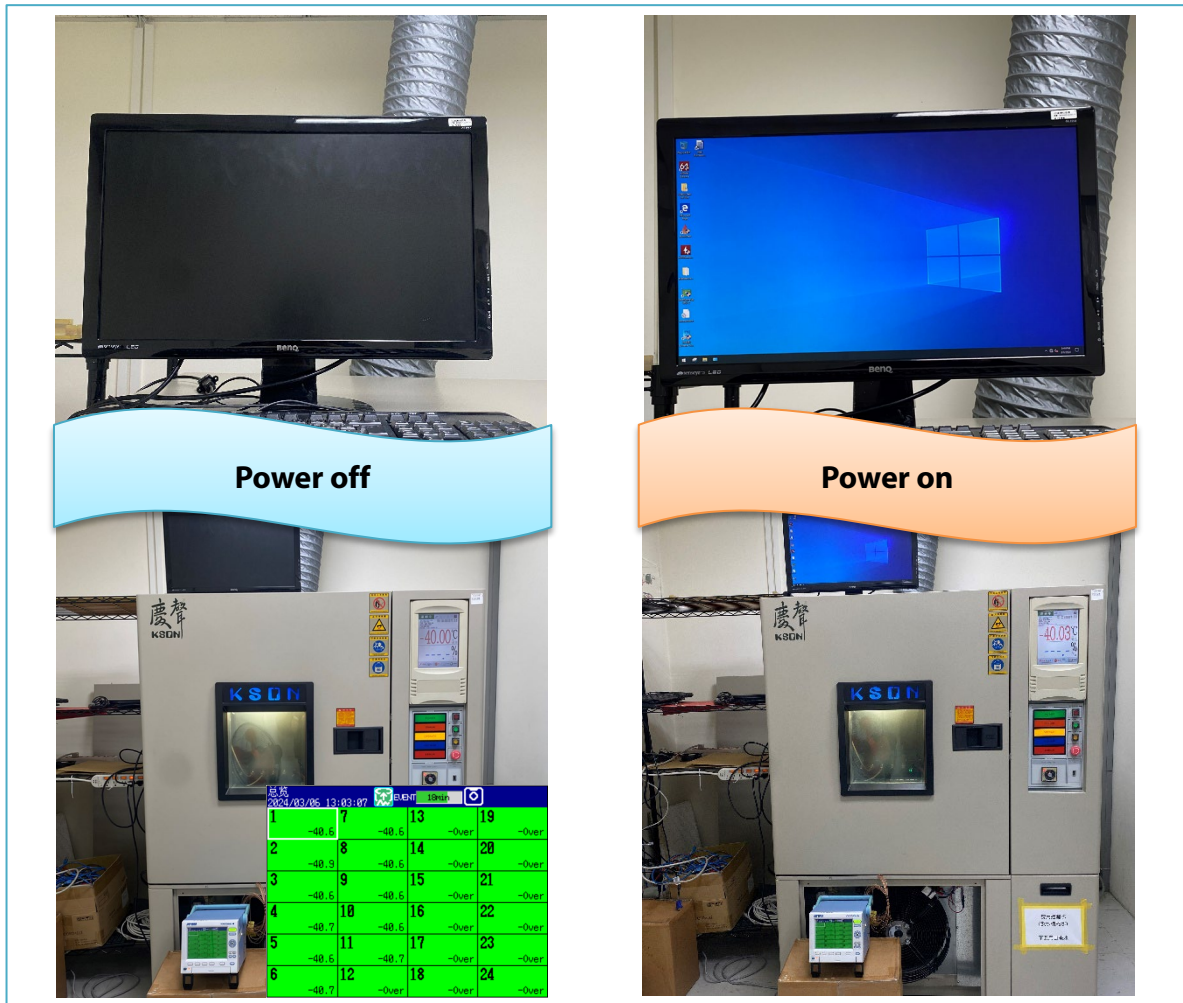
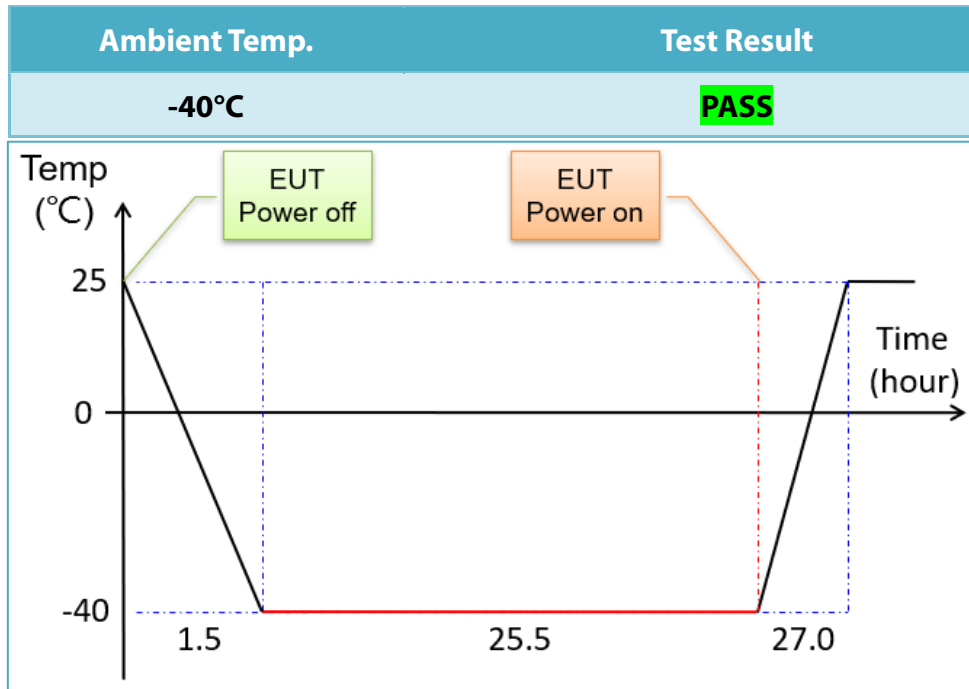
Test Temperature	Test Result
-40°C	PASS
-20°C	PASS
0°C	PASS
25°C	PASS
40°C	PASS
50°C	PASS
60°C	PASS

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2.2.2 COLD BOOT AT LOW-TEMPERATURE

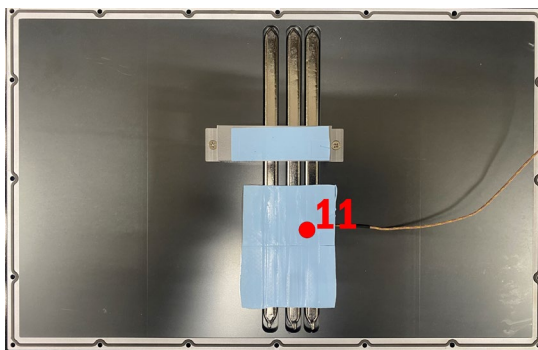
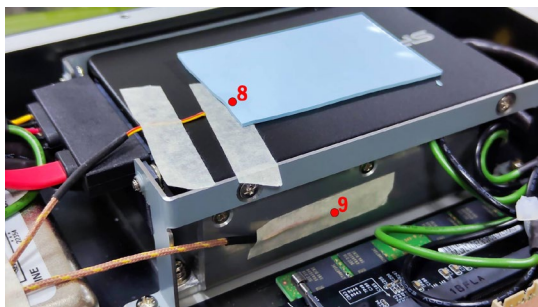
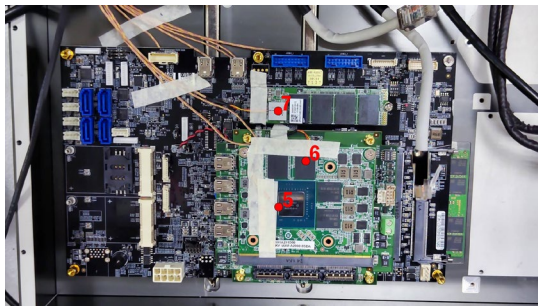
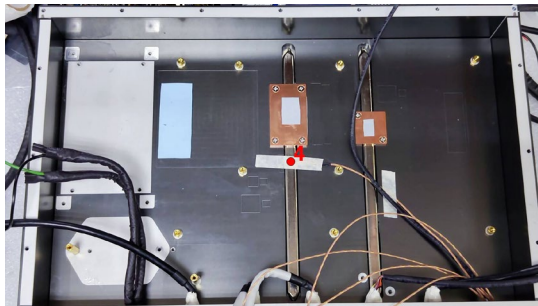
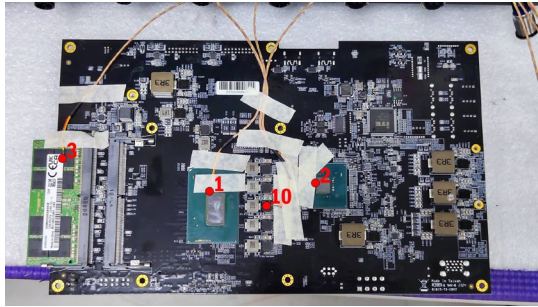
#Power supply under -40°C and ensure that the system boot up properly



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3. THERMAL TEST POINT



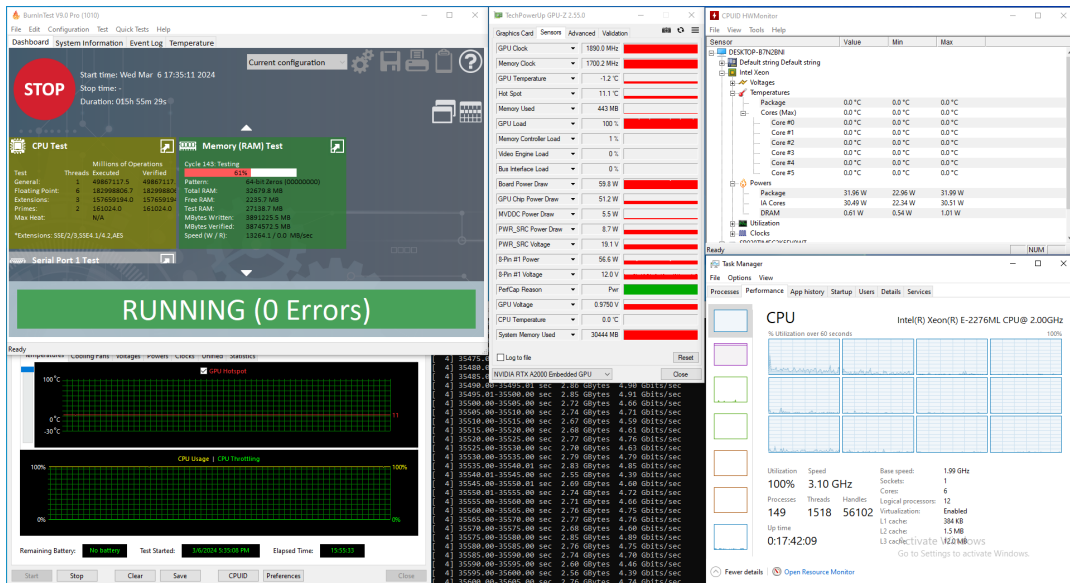
Test Point	Test Point
CH1	CPU
CH2	PCH
CH3	DRAM
CH4	CPU TPHS
CH5	A2000 GPU
CH6	GPU RAM
CH7	M.2
CH8	2.5SSD
CH9	SK715
CH10	PU3 MOS
CH11	GPU Heatsink

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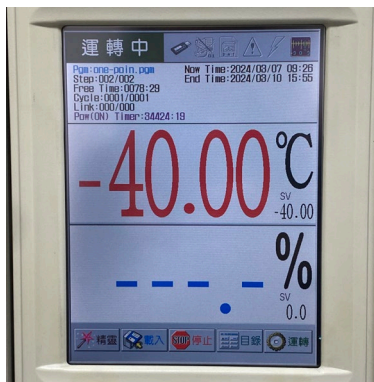
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4. TEST PHOTO IN LAB

- Chamber in -40°C



总览	2024/03/07 09:18:01	3min				
1	-23.3	7	13	19	-Over	-Over
2	-27.5	8	14	20	-Over	-Over
3	-30.8	9	15	21	-Over	-Over
4	-26.2	10	16	22	-Over	-Over
5	-13.6	11	17	23	-Over	-Over
6	-18.3	12	18	24	-Over	-Over

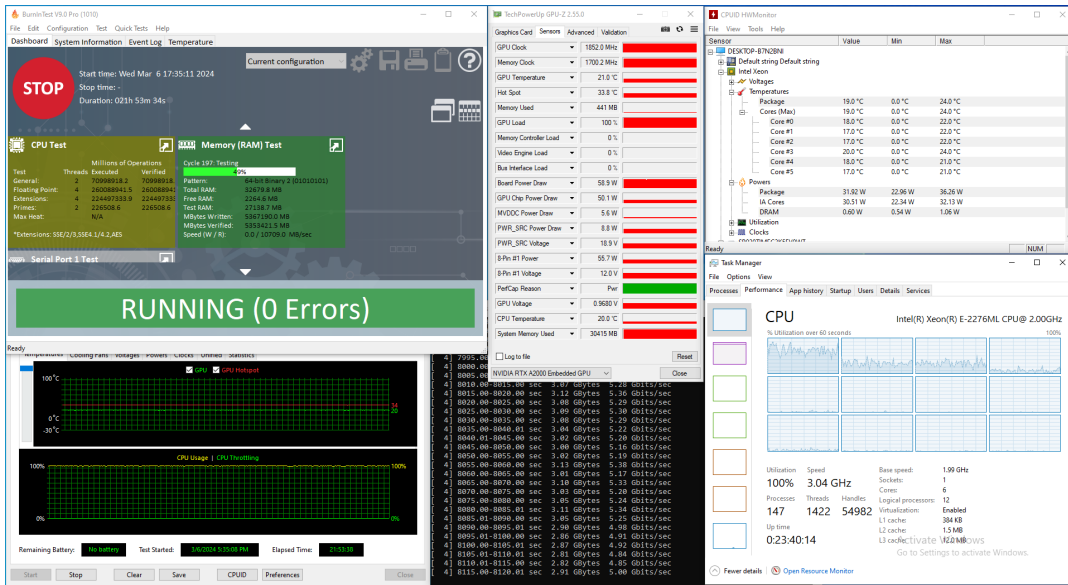


Test Point	Ambient Temp.	-40°C
	CPU AVG. FRQ.	3100 MHz
	CPU Tj. Temp.	0 °C
	GPU AVG. FRQ.	1890 MHz
	GPU Tj. Temp.	-1.2 °C
CH1	CPU	-23.3 °C
CH2	PCH	-27.5 °C
CH3	DRAM	-30.8 °C
CH4	CPU TPHS	-26.2 °C
CH5	A2000 GPU	-13.6 °C
CH6	GPU RAM	-18.3 °C
CH7	M.2	-27.1 °C
CH8	2.5 SSD	-31.4 °C
CH9	SK715	-30.2 °C
CH10	PU3 M0S	-20.9 °C
CH11	GPU Heatsink	-21.4 °C

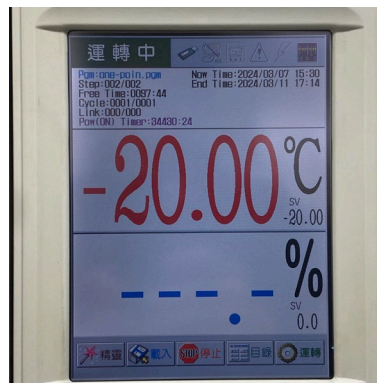
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- Chamber in -20°C



Test Point	Temp. (°C)	Temp. (°C)	Temp. (°C)	Temp. (°C)
1	0.8	-5.0	-Over	-Over
2	-4.4	-9.3	-Over	-Over
3	-8.1	-7.8	-Over	-Over
4	-3.1	4.0	-Over	-Over
5	8.7	0.6	-Over	-Over
6	4.1	-Over	-Over	-Over

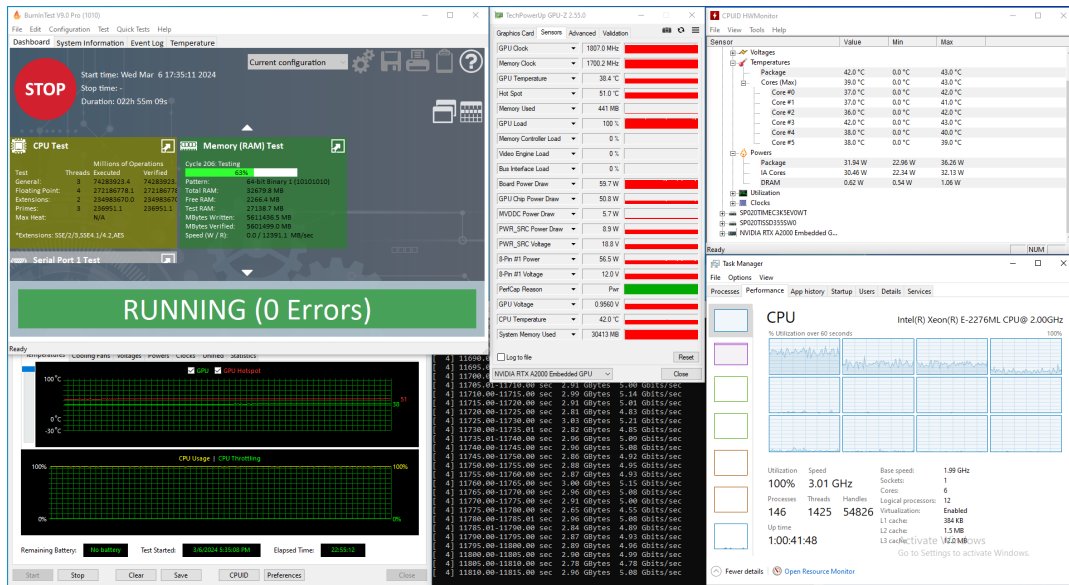


Test Point	Ambient Temp.	-20°C
	CPU AVG. FRQ.	3040 MHz
	CPU Tj. Temp.	19 °C
	GPU AVG. FRQ.	1852 MHz
	GPU Tj. Temp.	21 °C
CH1	CPU	0.8 °C
CH2	PCH	-4.4 °C
CH3	DRAM	-8.1 °C
CH4	CPU TPHS	-3.1 °C
CH5	A2000 GPU	8.7 °C
CH6	GPU RAM	4.1 °C
CH7	M.2	-5 °C
CH8	2.5 SSD	-9.3 °C
CH9	SK715	-7.8 °C
CH10	PU3 M05	4 °C
CH11	GPU Heatsink	0.6 °C

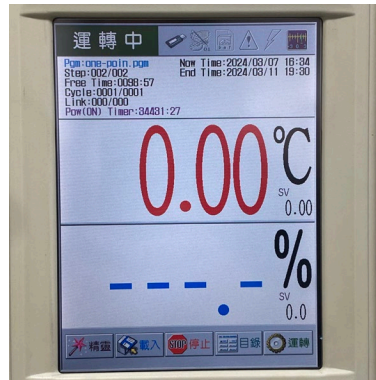
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- Chamber in 0°C



总览	EVENT 57min			
2024/03/07 16:24:35	1	7	13	19
	19.5	15.4	-Over	-Over
	2	8	14	20
	14.6	10.1	-Over	-Over
	3	9	15	21
	11.3	11.5	-Over	-Over
	4	10	16	22
	17.7	23.9	-Over	-Over
	5	11	17	23
	26.5	18.7	-Over	-Over
	6	12	18	24
	22.2	-Over	-Over	-Over

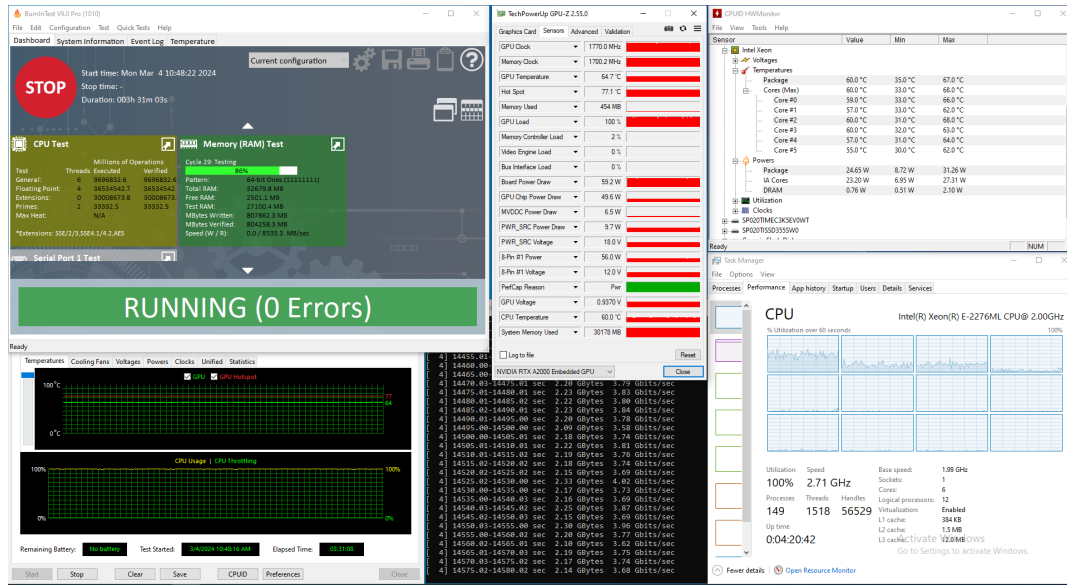


Test Point	Ambient Temp.	0°C
CPU AVG. FRQ.		3010 MHz
CPU Tj. Temp.		42 °C
GPU AVG. FRQ.		1807 MHz
GPU Tj. Temp.		38.4 °C
CH1	CPU	19.5 °C
CH2	PCH	14.6 °C
CH3	DRAM	11.3 °C
CH4	CPU TPHS	17.7 °C
CH5	A2000 GPU	26.5 °C
CH6	GPU RAM	22.2 °C
CH7	M.2	15.4 °C
CH8	2.5 SSD	10.1 °C
CH9	SK715	11.5 °C
CH10	PU3 MOS	23.9 °C
CH11	GPU Heatsink	18.7 °C

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- Chamber in 25°C



2024/03/04 11:41:33

CH	Temp (°C)	Temp (°C)	Temp (°C)	Temp (°C)
1	43.2	40.6	-Over	-Over
2	38.7	35.3	-Over	-Over
3	35.7	35.7	-Over	-Over
4	39.9	46.1	-Over	-Over
5	52.1	43.8	-Over	-Over
6	47.6	-Over	-Over	-Over

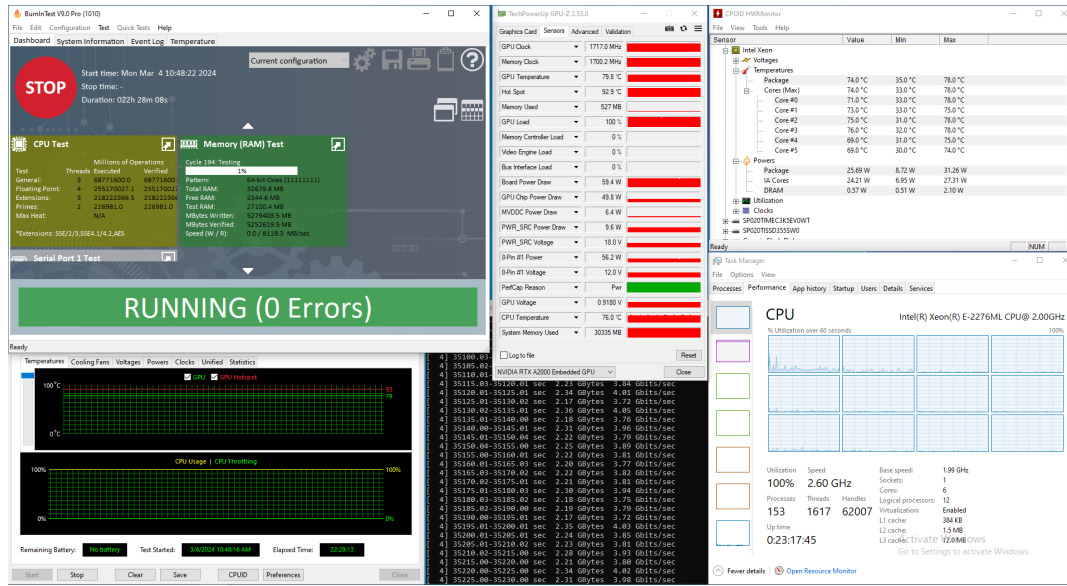


Test Point	Ambient Temp.	25°C
CPU AVG. FRQ.		2710 MHz
CPU Tj. Temp.		60.0 °C
GPU AVG. FRQ.		1770 MHz
GPU Tj. Temp.		64.7 °C
CH1	CPU	43.2 °C
CH2	PCH	38.7 °C
CH3	DRAM	35.7 °C
CH4	CPU TPHS	39.9 °C
CH5	A2000 GPU	52.1 °C
CH6	GPU RAM	47.6 °C
CH7	M.2	40.6 °C
CH8	2.5 SSD	35.3 °C
CH9	SK715	35.7 °C
CH10	PU3 M0S	46.1 °C
CH11	GPU Heatsink	43.8 °C

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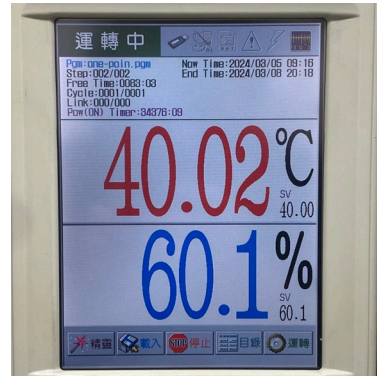
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- Chamber in 40°C



2024/03/05 09:12:05

CH	Temp (°C)	Temp (°C)	Temp (°C)	Temp (°C)
1	58.2	55.5	-Over	-Over
2	53.5	50.1	-Over	-Over
3	50.4	50.7	-Over	-Over
4	55.0	61.9	-Over	-Over
5	66.8	58.7	-Over	-Over
6	62.7	-Over	-Over	-Over

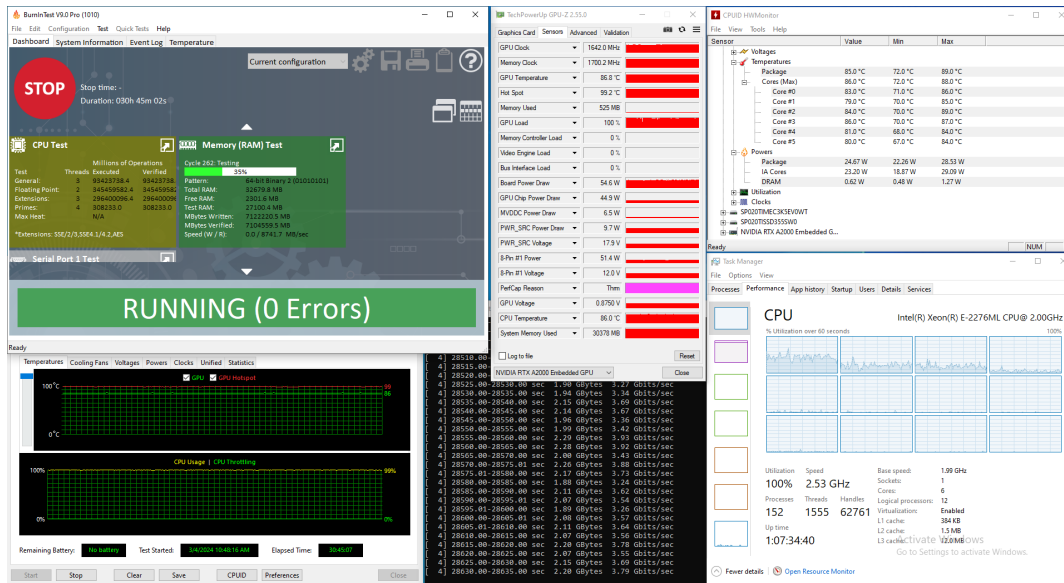


Test Point	Ambient Temp.	40°C
	CPU AVG. FRQ.	2600 MHz
	CPU Tj. Temp.	74.0 °C
	GPU AVG. FRQ.	1717 MHz
	GPU Tj. Temp.	79.8 °C
CH1	CPU	58.2 °C
CH2	PCH	53.5 °C
CH3	DRAM	50.4 °C
CH4	CPU TPHS	55.0 °C
CH5	A2000 GPU	66.8 °C
CH6	GPU RAM	62.7 °C
CH7	M.2	55.5 °C
CH8	2.5 SSD	50.1 °C
CH9	SK715	50.7 °C
CH10	PU3 M0S	61.9 °C
CH11	GPU Heatsink	58.7 °C

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- Chamber in 50°C



CH	Temp (°C)	Temp (°C)	Temp (°C)	Temp (°C)
1	68.2	65.0	-Over	-Over
2	63.4	59.9	-Over	-Over
3	60.5	60.8	-Over	-Over
4	65.0	72.3	-Over	-Over
5	75.2	67.9	-Over	-Over
6	71.5	-Over	-Over	-Over

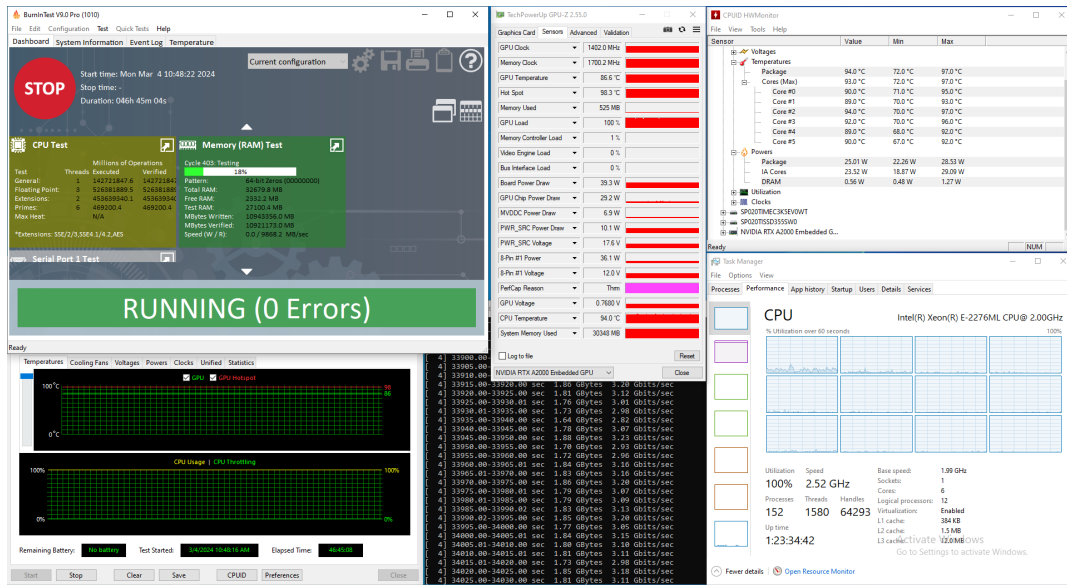


Test Point	Ambient Temp.	50°C
CPU AVG. FRQ.		2530 MHz
CPU Tj. Temp.		85.0 °C
GPU AVG. FRQ.		1642 MHz
GPU Tj. Temp.		86.8 °C
CH1	CPU	68.2 °C
CH2	PCH	63.4 °C
CH3	DRAM	60.5 °C
CH4	CPU TPHS	65.0 °C
CH5	A2000 GPU	75.2 °C
CH6	GPU RAM	71.5 °C
CH7	M.2	65.0 °C
CH8	2.5 SSD	59.9 °C
CH9	SK715	60.8 °C
CH10	PU3 MOS	72.3 °C
CH11	GPU Heatsink	67.9 °C

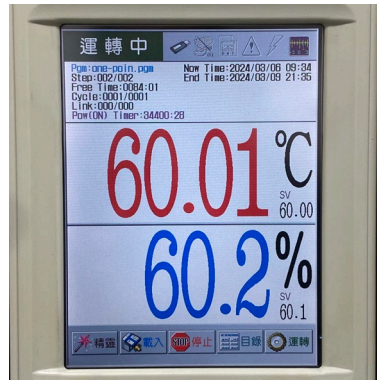
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- Chamber in 60°C



总号	1	7	13	19
2024/03/06 09:23:05	76.5	72.8	-Over	-Over
	2	8	14	20
	71.8	67.6	-Over	-Over
	3	9	15	21
	69.0	69.3	-Over	-Over
	4	10	16	22
	73.9	80.8	-Over	-Over
	5	11	17	23
	78.7	73.3	-Over	-Over
	6	12	18	24
	76.5	-Over	-Over	-Over



Test Point	Ambient Temp.	60°C
	CPU AVG. FRQ.	2520 MHz
	CPU Tj. Temp.	94.0 °C
	GPU AVG. FRQ.	1402 MHz
	GPU Tj. Temp.	86.6 °C
CH1	CPU	76.5 °C
CH2	PCH	71.8 °C
CH3	DRAM	69.0 °C
CH4	CPU TPHS	73.9 °C
CH5	A2000 GPU	78.7 °C
CH6	GPU RAM	76.5 °C
CH7	M.2	72.0 °C
CH8	2.5 SSD	67.6 °C
CH9	SK715	69.3 °C
CH10	PU3 M05	80.8 °C
CH11	GPU Heatsink	73.3 °C

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5. THERMAL TEST RESULT(-40°C ~ +60°C)

CPU Temperature and Frequency

Core Temp / Ambient Temp		-40°C	-20°C	0°C	25°C 60% RH	40°C 60% RH	50°C 60% RH	60°C 60% RH
CPU Frequency								
CPU Avg. Frequency		3100 MHz	3040 MHz	3010 MHz	2710 MHz	2600 MHz	2530 MHz	2520 MHz
CPU Tj. Temperature		0.0 °C	19.0 °C	42.0 °C	60.0 °C	74.0 °C	85.0 °C	94.0 °C
GPU Avg. Frequency		1890 MHz	1852 MHz	1807 MHz	1770 MHz	1717 MHz	1642 MHz	1402 MHz
GPU Tj. Temperature		-1.2 °C	21.0 °C	38.4 °C	64.7 °C	79.8 °C	86.8 °C	86.6 °C

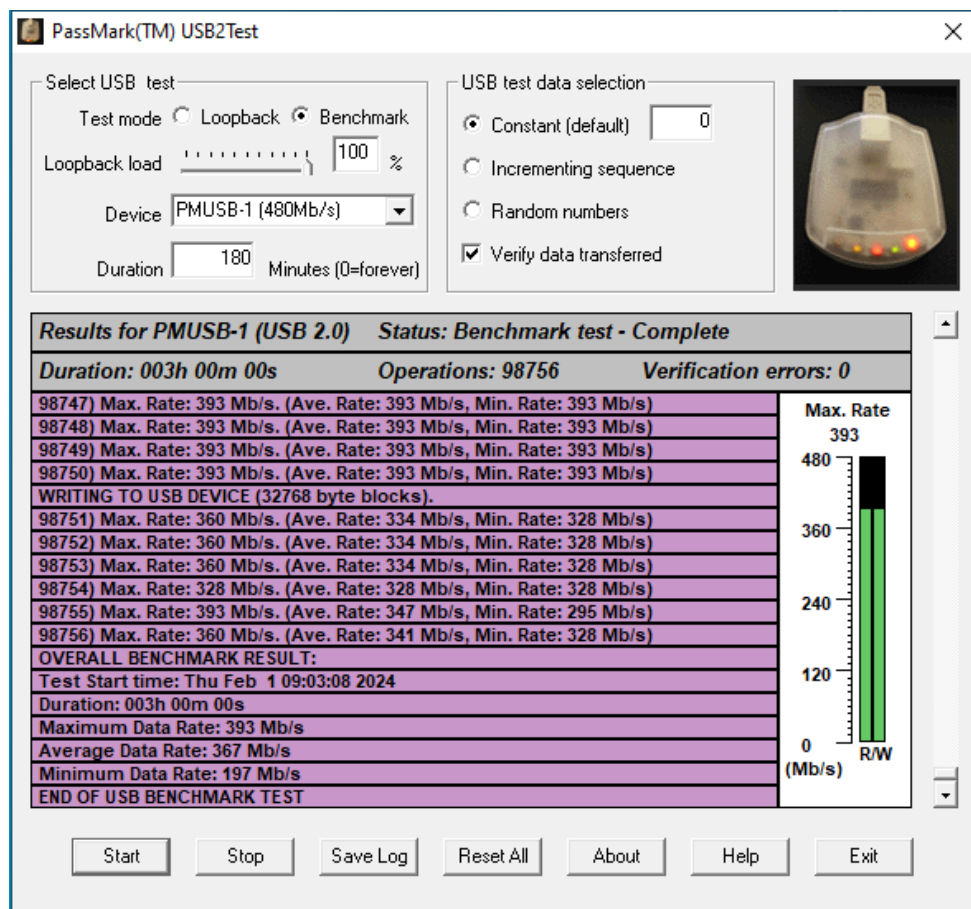
Measurement Point / Ambient Temp		-40°C	-20°C	0°C	25°C 60% RH	40°C 60% RH	50°C 60% RH	60°C 60% RH
CH1	CPU	-23.3 °C	0.8 °C	19.5 °C	43.2 °C	58.2 °C	68.2 °C	76.5 °C
CH2	PCH	-27.5 °C	-4.4 °C	14.6 °C	38.7 °C	53.5 °C	63.4 °C	71.8 °C
CH3	DRAM	-30.8 °C	-8.1 °C	11.3 °C	35.7 °C	50.4 °C	60.5 °C	69.0 °C
CH4	CPU TPHS	-26.2 °C	-3.1 °C	17.7 °C	39.9 °C	55.0 °C	65.0 °C	73.9 °C
CH5	A2000 GPU	-13.6 °C	8.7 °C	26.5 °C	52.1 °C	66.8 °C	75.2 °C	78.7 °C
CH6	GPU RAM	-18.3 °C	4.1 °C	22.2 °C	47.6 °C	62.7 °C	71.5 °C	76.5 °C
CH7	M.2	-27.1 °C	-5.0 °C	15.4 °C	40.6 °C	55.5 °C	65.0 °C	72.0 °C
CH8	2.5 SSD	-31.4 °C	-9.3 °C	10.1 °C	35.3 °C	50.1 °C	59.9 °C	67.6 °C
CH9	SK715	-30.2 °C	-7.8 °C	11.5 °C	35.7 °C	50.7 °C	60.8 °C	69.3 °C
CH10	PU3 MOS	-20.9 °C	4.0 °C	23.9 °C	46.1 °C	61.9 °C	72.3 °C	80.8 °C
CH11	GPU Heatsink	-21.4 °C	0.6 °C	18.7 °C	43.8 °C	58.7 °C	67.9 °C	73.3 °C

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6. I/O FUNCTION TEST

6.1. USB PORT (High Speed 480Mbps)



The screenshot shows the PassMark(TM) USB2Test software interface. The window title is "PassMark(TM) USB2Test". The interface includes several control panels and a results table.

Select USB test:

- Test mode: Loopback Benchmark
- Loopback load: %
- Device: PMUSB-1 (480Mb/s)
- Duration: Minutes (0=forever)

USB test data selection:

- Constant (default)
- Incrementing sequence
- Random numbers
- Verify data transferred

Results for PMUSB-1 (USB 2.0) Status: Benchmark test - Complete

Duration: 003h 00m 00s	Operations: 98756	Verification errors: 0
98747) Max. Rate: 393 Mb/s. (Ave. Rate: 393 Mb/s, Min. Rate: 393 Mb/s)		
98748) Max. Rate: 393 Mb/s. (Ave. Rate: 393 Mb/s, Min. Rate: 393 Mb/s)		
98749) Max. Rate: 393 Mb/s. (Ave. Rate: 393 Mb/s, Min. Rate: 393 Mb/s)		
98750) Max. Rate: 393 Mb/s. (Ave. Rate: 393 Mb/s, Min. Rate: 393 Mb/s)		
WRITING TO USB DEVICE (32768 byte blocks).		
98751) Max. Rate: 360 Mb/s. (Ave. Rate: 334 Mb/s, Min. Rate: 328 Mb/s)		
98752) Max. Rate: 360 Mb/s. (Ave. Rate: 334 Mb/s, Min. Rate: 328 Mb/s)		
98753) Max. Rate: 360 Mb/s. (Ave. Rate: 334 Mb/s, Min. Rate: 328 Mb/s)		
98754) Max. Rate: 328 Mb/s. (Ave. Rate: 328 Mb/s, Min. Rate: 328 Mb/s)		
98755) Max. Rate: 393 Mb/s. (Ave. Rate: 347 Mb/s, Min. Rate: 295 Mb/s)		
98756) Max. Rate: 360 Mb/s. (Ave. Rate: 341 Mb/s, Min. Rate: 328 Mb/s)		
OVERALL BENCHMARK RESULT:		
Test Start time: Thu Feb 1 09:03:08 2024		
Duration: 003h 00m 00s		
Maximum Data Rate: 393 Mb/s		
Average Data Rate: 367 Mb/s		
Minimum Data Rate: 197 Mb/s		
END OF USB BENCHMARK TEST		

Max. Rate: 393

480

360

240

120

0

(Mb/s)

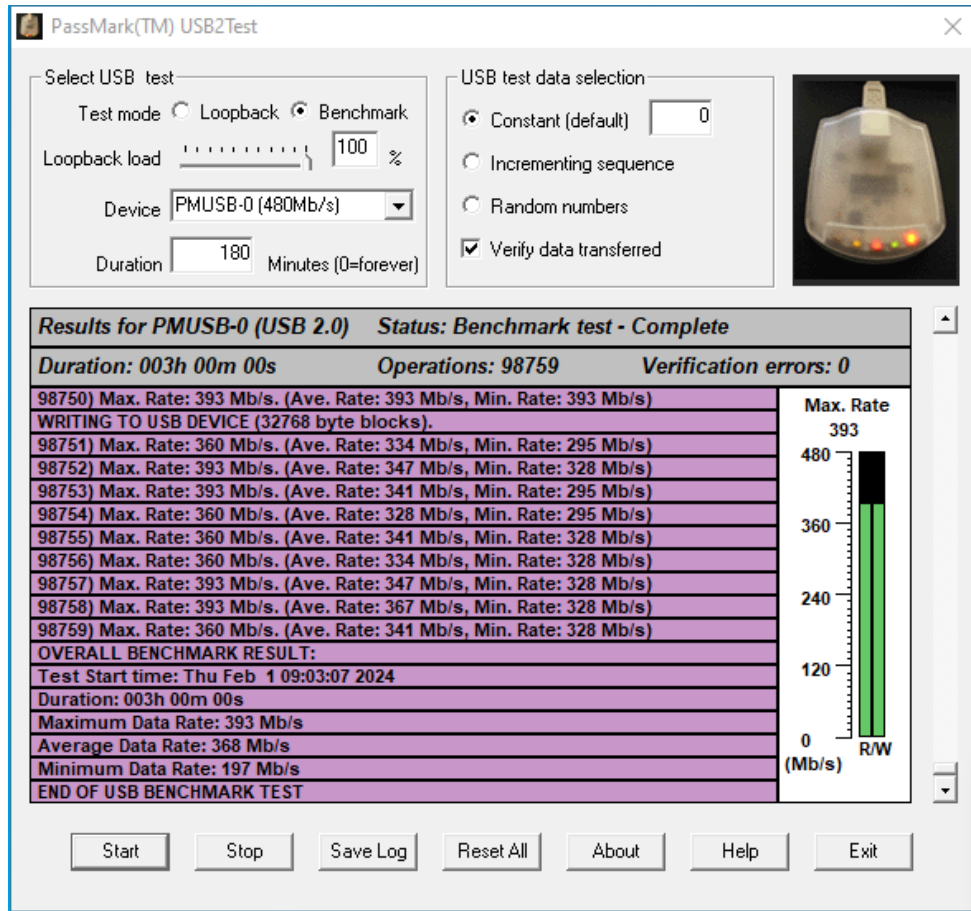
R/W

Start Stop Save Log Reset All About Help Exit

USB #1

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USB #2

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6.2. LAN PORT #1(1Gbps)



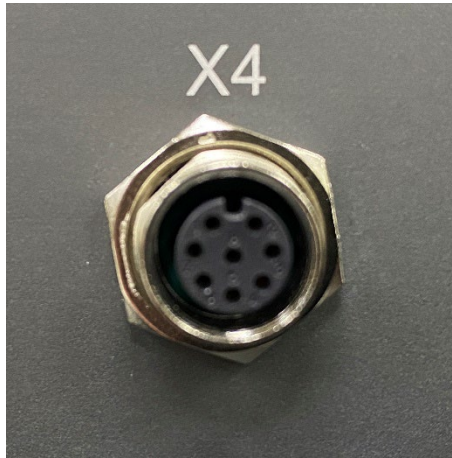
```
C:\Windows\system32\cmd.exe - iperf3.exe -c 192.168.2.10 -t 36000
[ 4] 18584.00-18585.00 sec 1.32 GBytes 11.4 Gbits/sec
[ 4] 18585.00-18586.00 sec 1.32 GBytes 11.4 Gbits/sec
[ 4] 18586.00-18587.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18587.00-18588.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18588.00-18589.00 sec 1.34 GBytes 11.5 Gbits/sec
[ 4] 18589.00-18590.00 sec 1.34 GBytes 11.5 Gbits/sec
[ 4] 18590.00-18591.00 sec 1.34 GBytes 11.5 Gbits/sec
[ 4] 18591.00-18592.00 sec 1.36 GBytes 11.7 Gbits/sec
[ 4] 18592.00-18593.00 sec 1.41 GBytes 12.2 Gbits/sec
[ 4] 18593.00-18594.00 sec 1.34 GBytes 11.5 Gbits/sec
[ 4] 18594.00-18595.00 sec 1.33 GBytes 11.5 Gbits/sec
[ 4] 18595.00-18596.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18596.00-18597.00 sec 1.33 GBytes 11.5 Gbits/sec
[ 4] 18597.00-18598.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18598.00-18599.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18599.00-18600.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18600.00-18601.00 sec 1.33 GBytes 11.5 Gbits/sec
[ 4] 18601.00-18602.00 sec 1.33 GBytes 11.5 Gbits/sec
[ 4] 18602.00-18603.00 sec 1.33 GBytes 11.5 Gbits/sec
[ 4] 18603.00-18604.00 sec 1.33 GBytes 11.5 Gbits/sec
[ 4] 18604.00-18605.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18605.00-18606.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18606.00-18607.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18607.00-18608.00 sec 1.34 GBytes 11.5 Gbits/sec
[ 4] 18608.00-18609.00 sec 1.34 GBytes 11.5 Gbits/sec
[ 4] 18609.00-18610.00 sec 1.34 GBytes 11.5 Gbits/sec
[ 4] 18610.00-18611.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18611.00-18612.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 4] 18612.00-18613.00 sec 1.32 GBytes 11.3 Gbits/sec
[ 4] 18613.00-18614.00 sec 1.31 GBytes 11.3 Gbits/sec
[ 4] 18614.00-18615.00 sec 1.31 GBytes 11.3 Gbits/sec
[ 4] 18615.00-18616.00 sec 1.32 GBytes 11.3 Gbits/sec
[ 4] 18616.00-18617.00 sec 1.21 GBytes 10.4 Gbits/sec
[ 4] 18617.00-18618.00 sec 1.30 GBytes 11.2 Gbits/sec
```

LAN #1

Thermal & Function Test Report

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6.3. LAN Port #2 (1Gbps)



```
C:\Windows\system32\cmd.exe
[ 5] 18622.00-18623.00 sec 1.25 GBytes 10.7 Gbits/sec
[ 5] 18623.00-18624.00 sec 1.37 GBytes 11.8 Gbits/sec
[ 5] 18624.00-18625.00 sec 1.39 GBytes 11.9 Gbits/sec
[ 5] 18625.00-18626.00 sec 1.29 GBytes 11.1 Gbits/sec
[ 5] 18626.00-18627.00 sec 1.31 GBytes 11.2 Gbits/sec
[ 5] 18627.00-18628.00 sec 1.28 GBytes 11.0 Gbits/sec
[ 5] 18628.00-18629.00 sec 1.27 GBytes 10.9 Gbits/sec
[ 5] 18629.00-18630.00 sec 1.32 GBytes 11.4 Gbits/sec
[ 5] 18630.00-18631.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 5] 18631.00-18632.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 5] 18632.00-18633.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 5] 18633.00-18634.00 sec 1.32 GBytes 11.4 Gbits/sec
[ 5] 18634.00-18635.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 5] 18635.00-18636.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 5] 18636.00-18637.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 5] 18637.00-18638.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 5] 18638.00-18639.00 sec 1.23 GBytes 10.5 Gbits/sec
[ 5] 18639.00-18640.00 sec 1.32 GBytes 11.3 Gbits/sec
[ 5] 18640.00-18641.00 sec 1.31 GBytes 11.3 Gbits/sec
[ 5] 18641.00-18642.00 sec 1.31 GBytes 11.3 Gbits/sec
[ 5] 18642.00-18643.00 sec 1.31 GBytes 11.3 Gbits/sec
[ 5] 18643.00-18644.00 sec 1.31 GBytes 11.2 Gbits/sec
[ 5] 18644.00-18645.00 sec 1.31 GBytes 11.2 Gbits/sec
[ 5] 18645.00-18646.00 sec 1.31 GBytes 11.2 Gbits/sec
[ 5] 18646.00-18647.00 sec 1.31 GBytes 11.2 Gbits/sec
[ 5] 18647.00-18648.00 sec 1.29 GBytes 11.1 Gbits/sec
[ 5] 18648.00-18649.00 sec 1.30 GBytes 11.1 Gbits/sec
[ 5] 18649.00-18650.00 sec 1.32 GBytes 11.3 Gbits/sec
[ 5] 18650.00-18651.00 sec 1.31 GBytes 11.3 Gbits/sec
[ 5] 18651.00-18652.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 5] 18652.00-18653.00 sec 1.33 GBytes 11.4 Gbits/sec
[ 5] 18653.00-18654.00 sec 1.30 GBytes 11.2 Gbits/sec
[ 5] 18654.00-18655.00 sec 1.31 GBytes 11.3 Gbits/sec
[ 5] 18655.00-18656.00 sec 1.33 GBytes 11.4 Gbits/sec
```

LAN #2

Thermal & Function Test Report

SR700-X4M-A20X

6.4. SERIAL PORT (RS-232)

A screenshot of the BurnInTest V9.0 Pro software interface. The window title is "BurnInTest V9.0 Pro (1010)". The menu bar includes "File", "Edit", "Configuration", "Test", "Quick Tests", and "Help". The main interface has tabs for "Dashboard", "System Information", "Event Log", and "Temperature". A large red "STOP" button is visible on the left. The test status is "RUNNING (0 Errors)" in a green bar at the bottom. The test details for "Serial Port 1 Test" are as follows:

Serial Port:	COM1
Test speed:	115200 bits/sec
Bytes sent:	205515800
Bytes received:	205515600
Errors:	0
Throughput:	11214.1 Bytes/sec

The test duration is 005h 14m 42s, and the start time is Fri Mar 8 11:46:17 2024. The status bar at the bottom left shows "Ready".

Thermal & Function Test Report

SR700-X4M-A20X

6.5. VGA Port



A screenshot of the Windows Settings application, specifically the 'Advanced display settings' page. The window title is 'Settings'. The page shows 'Choose display' with a dropdown menu set to 'Display 1: BenQ GW2450H'. Under 'Display information', it lists: 'BenQ GW2450H', 'Display 1: Connected to NVIDIA RTX A2000 Embedded GPU', 'Desktop resolution: 1920 x 1080', 'Active signal resolution: 1920 x 1080', 'Refresh rate (Hz): 60.000 Hz', 'Bit depth: 8-bit', 'Color format: RGB', and 'Color space: Standard dynamic range (SDR)'. A link 'Display adapter properties for Display 1' is visible. On the right, there are links for 'Get help' and 'Give feedback'. A large test pattern is overlaid on the bottom right of the window, featuring a black and white checkerboard background with a central circular area containing a 'PassMark MonitorTest - Master Screen' logo and various color and grayscale calibration patches. The text 'Evaluation version' is visible at the top of the test pattern.