



PRODUCT OUTGOING QUALITY INSPECTION REPORT



AV600-RH-A20

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Outgoing Quality Inspection

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1. SPECIFICATION

1-1. SYSTEM CONFIGURATION

Motherboard	COM Express Type 6 carrier board & COM Express CPU module MXM Type 3.1 Support NVIDIA® GTX® / RTX® GPU PCI/104 Express Expansion Slot for Modular Open Structure Multi-Expansion Slots include Dual Mini PCIe Express Slots, 1x M.2 Slot Wide Range DC 9V~36V Input Extreme Temperature Support -40°C to 85°C
CPU	Intel® Core™ i7-13800HRE Processor Total Cores: 14 # of Performance-cores: 6 # of Efficient-cores: 8 Total Threads: 20 Max Turbo Frequency: 5.00 GHz Performance-core Max Turbo Frequency: 5.00 GHz Efficient-core Max Turbo Frequency: 4.00 GHz Processor Base Frequency: 2.50 GHz Cache 24 MB Intel® Smart Cache TDP: 45 W
Memory	16GB DIMM
Storage	120GB SATA SSD
GPU	NVIDIA RTX A2000 Embedded GPU BIOS Version: 94.07.63.00.8B CUDA parallel-processing cores: 2560 CUDA® cores GPU base/boost clock: 1387 MHz / 1815 MHz Max Power Consumption: 80 W
Power Module	SK708
Multi Media	M.2 SDI Capture Card

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. Stress CPU: PassMark Burn-in Test Software Ver 9.0</p> <p>2. Stress GPU: AIDA64 extreme590</p> <p>3. LAN Speed Test: iPerf3</p>																																	
Test Procedure	<p>1. Thermal pre-scan measurement: Temperature: -20°C~60°C Humidity: 85%RH (Temperature above 25°C)</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 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>																																	
Test Diagram of Curves	<p>Environment defines for 53 hours.</p> <table border="1"> <caption>Thermal Profile Data Points</caption> <thead> <tr> <th>Time (hour)</th> <th>Temperature (°C)</th> <th>Event</th> </tr> </thead> <tbody> <tr><td>0.5</td><td>25</td><td>Temperature rise</td></tr> <tr><td>1.5</td><td>-20</td><td>Temperature drop</td></tr> <tr><td>9.5</td><td>25</td><td>Temperature rise</td></tr> <tr><td>18.5</td><td>35</td><td>Temperature rise</td></tr> <tr><td>26.5</td><td>40</td><td>Temperature rise</td></tr> <tr><td>35.5</td><td>50</td><td>Temperature rise</td></tr> <tr><td>44.0</td><td>60</td><td>Temperature rise</td></tr> <tr><td>52.0</td><td>60</td><td>Testing period end</td></tr> <tr><td>52.5</td><td>25</td><td>Temperature drop</td></tr> <tr><td>53.0</td><td>25</td><td>Environment end</td></tr> </tbody> </table>	Time (hour)	Temperature (°C)	Event	0.5	25	Temperature rise	1.5	-20	Temperature drop	9.5	25	Temperature rise	18.5	35	Temperature rise	26.5	40	Temperature rise	35.5	50	Temperature rise	44.0	60	Temperature rise	52.0	60	Testing period end	52.5	25	Temperature drop	53.0	25	Environment end
Time (hour)	Temperature (°C)	Event																																
0.5	25	Temperature rise																																
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18.5	35	Temperature rise																																
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35.5	50	Temperature rise																																
44.0	60	Temperature rise																																
52.0	60	Testing period end																																
52.5	25	Temperature drop																																
53.0	25	Environment end																																

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
-20°C	PASS
0°C	PASS
25°C / 85%RH	PASS
40°C / 85%RH	PASS
50°C / 85%RH	PASS
60°C / 85%RH	PASS

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2-2-2. I/O FUNCTION

#Confirm the system specifications and I/O connection to ensure that they are functioning properly

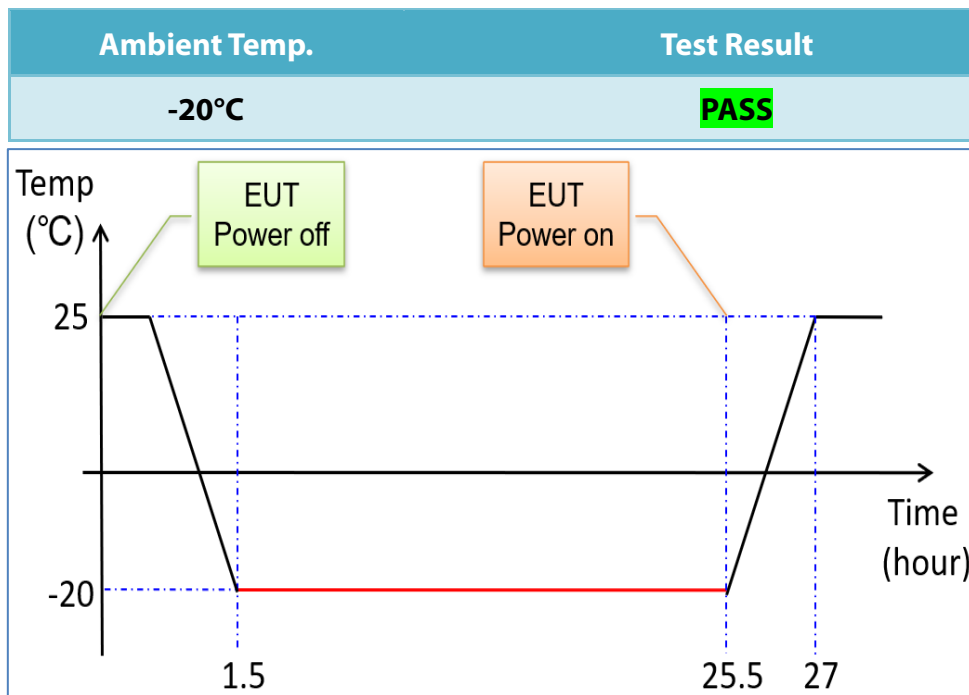
Item	Test and Check Criteria	Result
X1 - Serial Port (RS232)	Connect to the test computer to exchange messages.	PASS
X2 - LAN (1Gbps)	Connection 1G/2.5G/10G/100G SWITCH HUB transfer data test, it can work normally.	PASS
X2 - LAN (1Gbps)	Connection 1G/2.5G/10G/100G SWITCH HUB transfer data test, it can work normally.	PASS
X2 - USB (USB 2.0)	Connect a PassMark USB 2.0 Loopback Plugs for testing, it can work normally.	PASS
X2 - USB (USB 2.0)	Connect a PassMark USB 2.0 Loopback Plugs for testing, it can work normally.	PASS
X3 - VGA	Check work well. (Max Resolution: 1920 x 1080)	PASS
X4 - USB (USB 3.0)	Connect a PassMark USB 3.0 Loopback Plugs for testing, it can work normally.	PASS

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2-2-3. LOW-TEMPERATURE & BOOT-UP

#Power supply under -20°C and ensure that the system boot up properly



Power off



Power on



3. TEST PHOTO IN LAB

- Chamber in -20°C

The screenshot displays a Windows desktop environment during a performance test. The primary application is BurnInTest V9.0 Pro, which is in a 'STOP' state. A large green banner at the bottom of the window reads 'RUNNING (0 Errors)'. The interface shows various test modules: CPU Test (Millions of Operations Verified: 13424877), Disk (C:) Test (Free disk scan progress: 95%), Memory (RAM) Test (Cycle 2820: Testing 93%), and Serial Port 1 Test. The system tray at the bottom indicates a temperature of 87°F and the date 8/20/2024.



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- Chamber in 0°C

The screenshot displays a Windows desktop environment used for quality inspection. Three primary monitoring applications are visible:

- BurnInTest V5.0 Pro (1010):** Shows a 'STOP' button and a status of 'RUNNING (0 Errors)'. The test started on Tue Aug 20 09:42:16 2024. It includes sections for CPU Test, Disk (C:) Test (1 of 1), Memory (RAM) Test, and Serial Port 1 Test.
- TechPowerUp GPU-Z 2.60.0:** Displays GPU specifications for an NVIDIA RTX A2000 Embedded GPU. Key metrics include GPU Clock (1522.0 MHz), Memory Clock (1700.2 MHz), GPU Temperature (29.7°C), and Power Consumption (99.4% TDP).
- HWMonitor:** Shows a detailed list of system sensors. Under 'Temperatures', it lists various core and package temperatures, with values ranging from -6.0°C to 39.0°C. Under 'Power', it shows Processor utilization at 100.3%.

The Windows taskbar at the bottom indicates a system temperature of 87°F (Mostly sunny) and the time 6:14 PM on 8/20/2024.



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- Chamber in 25°C / 85%RH

BurnInTest V8.0 Pro (1018)
 Dashboard System Information Event Log Temperature
 Start time: Tue Aug 20 09:42:16 2024
 Stop time: -
 Duration: 024h 40m 45s

STOP
 Current configuration

CPU Test
 Millions of Operations Executed: 41205037
 Verified: 41205037
 Floating Point: 68462086.1
 Extensions: 68527021.6
 Primes: 183360.4
 Max Test: 183360.4

Disk (C:) Test (1 of 1)
 Disk (C:) Cycle: 100% Writing Low free pattern (disk 2)
 Free disk scan progress: 79%
 Pattern: High Low freq overwrite
 MBytes Written: 1349940.0
 MBytes Verified: 1139936.0
 Current Speed: 131.5 MB/Sec

Memory (RAM) Test
 Cycle 686: Testing 99%
 Pattern: 84-207 Binary 3 (010101010)
 Total RAM: 15637.3 MB
 Free RAM: 2862.0 MB
 Test RAM: 9289.3 MB
 MBytes Written: 6573395.5 MB
 MBytes Verified: 6373395.5 MB
 Speed (W/R): 0.0/25400.7 MB/Sec

Serial Port 1 Test
 Serial Port: COM1
 Test speed: 115200 bits/sec
 Bytes sent: 29696700
 Bytes received: 29696400
 Errors: 0
 Throughput: 2139.9 Bytes/Sec

GPU-Z 2.80.0
 Graphics Card: NVIDIA RTX A2000 Embedded GPU
 GPU Clock: 1470.0 MHz
 Memory Clock: 1700.2 MHz
 GPU Temperature: 55.4 °C
 Hot Spot: 66.8 °C
 Memory Used: 236 MB
 GPU Load: 100 %
 Video Engine Load: 0 %
 Bus Interface Load: 0 %
 Board Power Draw: 80.6 W
 GPU Chip Power Draw: 70.1 W
 MVDDC Power Draw: 7.2 W
 PWR_SRC Power Draw: 10.4 W
 PWR_SRC Voltage: 17.7 V
 8-Pin #1 Power: 77.4 W
 8-Pin #1 Voltage: 12.3 V
 Power Consumption (%): 100 % TDP
 PerfCap Reason: Pair
 GPU Voltage: 0.7810 V
 CPU Temperature: 62.0 °C
 System Memory Used: 12776 MB

HWMonitor
 Sensor Value Min Max
 DESKTOP-P4UJLV
 Default string 7STARLAKE-515
 Intel Core i7
 Package: 66.0 °C -6.0 °C 88.0 °C
 P-Cores (Max): 60.0 °C -11.0 °C 90.0 °C
 P-Core #0: 55.8 °C -14.0 °C 77.0 °C
 P-Core #1: 54.0 °C -13.0 °C 76.0 °C
 P-Core #2: 56.0 °C -16.0 °C 82.0 °C
 P-Core #3: 57.0 °C -11.0 °C 84.0 °C
 P-Core #4: 57.0 °C -14.0 °C 87.0 °C
 P-Core #5: 56.0 °C -14.0 °C 90.0 °C
 E-Cores (Max): 62.0 °C -10.0 °C 85.0 °C
 E-Core #6: 62.0 °C -10.0 °C 82.0 °C
 E-Core #7: 62.0 °C -10.0 °C 77.0 °C
 E-Core #8: 62.0 °C -10.0 °C 84.0 °C
 E-Core #9: 62.0 °C -10.0 °C 85.0 °C
 E-Core #10: 56.0 °C -14.0 °C 69.0 °C
 E-Core #11: 57.0 °C -14.0 °C 73.0 °C
 E-Core #12: 57.0 °C -14.0 °C 73.0 °C
 E-Core #13: 56.0 °C -15.0 °C 69.0 °C
 Package: 44.92 W 7.09 W 116.49 W
 IA Cores: 23.48 W 1.26 W 95.29 W
 GT: 13.70 W 0.00 W 19.67 W
 Power Max (PL1): 45.00 W 45.00 W 45.00 W
 Short Power Max (PL2): 115.00 W 115.00 W 115.00 W
 P-Core #0: 2693 MHz 399 MHz 4990 MHz
 P-Core #1: 2693 MHz 399 MHz 4989 MHz
 P-Core #2: 2693 MHz 399 MHz 4989 MHz
 P-Core #3: 2693 MHz 399 MHz 4990 MHz
 P-Core #4: 2693 MHz 399 MHz 4988 MHz
 P-Core #5: 2693 MHz 399 MHz 4990 MHz
 E-Core #6: 2095 MHz 399 MHz 3393 MHz
 E-Core #7: 2095 MHz 399 MHz 3393 MHz
 E-Core #8: 2095 MHz 399 MHz 3393 MHz
 E-Core #9: 2095 MHz 399 MHz 3393 MHz
 E-Core #10: 1995 MHz 1796 MHz 3393 MHz
 E-Core #11: 2095 MHz 1796 MHz 3393 MHz
 E-Core #12: 2095 MHz 399 MHz 3393 MHz
 E-Core #13: 2095 MHz 1796 MHz 3393 MHz
 Samsung M42SR2GA3PB0-CW...
 EXSAM93120GV025C00
 Generic: Flash Disk
 Intel(R) UHD Graphics
 NVIDIA RTX A2000 Embedded G...

CPU Usage | CPU Throttling
 100%
 0%
 CPU Usage | CPU Throttling
 Remaining Battery: No battery Test Started: 8/20/2024 9:42:14 AM Elapsed Time: 0:40:47



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- Chamber in 40°C / 85%RH

The screenshot displays three primary software windows:

- BurnInTest V3.0 Pro (1018):** Shows a 'STOP' button and a large green banner indicating 'RUNNING (0 Errors)'. It includes sections for CPU Test (Disk C: Cycle 1765 Writing), Memory (RAM) Test, and Serial Port 1 Test.
- TechPowerUp (GPU-Z 2.80.0):** Displays GPU specifications and real-time metrics such as GPU Clock (1417.0 MHz), Memory Clock (1700.2 MHz), GPU Temperature (69.2°C), and Power Draw (80.4 W).
- HWMonitor:** Provides a comprehensive overview of system health, including temperatures for various components (e.g., P-Core #1 at 70.0°C), power consumption (Package: 44.79 W), and utilization levels.



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- Chamber in 50°C / 85%RH

BurnInTest V9.0 Pro (1010)

Start time: Tue Aug 20 09:42:16 2024
Stop time: -
Duration: 050h 24m 37s

STOP

CPU Test

Millions of Operations: 225744788.5
Threads Executed: 225744788
General: 4 225744788.5 225744788
Floating Point: 9 378224901.9 378224901
Extensions: 1 402527459.6 402527459
Primes: 0 780161.3 780161.3
Max Heat: N/A

Memory (RAM) Test

Cycle 4195: Testing 93%
Pattern: 04-01 Sequence (0,1,2,...)
Total RAM: 15637.3 MB
Free RAM: 3019.9 MB
Test RAM: 9189.2 MB
MBytes Written: 38957976.0 MB
MBytes Verified: 38959206.0 MB
Speed (W/R): 29435.8 / 0.0 MB/Sec

Disk (C:) Test (1 of 1)

Disk C:-Cycle 0318 Writing Low freq. pattern (Disk 3)
Free disk scan progress: 65%
High Low freq overwrite
MBytes Written: 8242428.0
MBytes Verified: 7438448.0
Current Speed: 127.6 MB/Sec

Serial Port 1 Test

Serial Port: COM1
Test speed: 115200 bits/sec
Bytes sent: 181517100
Bytes received: 181518000
Errors: 0
Throughput: 2182.6 Bytes/Sec

GPU-Z 2.60.0

GPU Clock: 1365.0 MHz
Memory Clock: 1700.2 MHz
GPU Temperature: 79.8 °C
Hot Spot: 90.9 °C
Memory Used: 236 MB
GPU Load: 100 %
Memory Controller Load: 0 %
Video Engine Load: 0 %
Bus Interface Load: 0 %
Board Power Draw: 80.3 W
GPU Chip Power Draw: 69.2 W
MVDCC Power Draw: 7.8 W
GPU Chip Power Draw: 11.0 W
PWR_SRC Power Draw: 17.4 W
8-Pin #1 Power: 77.1 W
8-Pin #1 Voltage: 12.3 V
Power Consumption (C): 100.3 % TDP
Perf/Cap Reason: Pair
GPU Voltage: 0.7500 V
GPU Temperature: 84.0 °C
System Memory Used: 12617 MB

HWMonitor

Sensor	Value	Min	Max
DESKTOP-P4UDLV			
Default string 7STARLAKE-S15			
Intel Core i7			
Temperatures			
Package	96.0 °C	-6.0 °C	100.0 °C
P-Cores (Max)	85.0 °C	-11.0 °C	90.0 °C
P-Core #0	79.0 °C	-14.0 °C	86.0 °C
P-Core #1	82.0 °C	-13.0 °C	86.0 °C
P-Core #2	81.0 °C	-16.0 °C	86.0 °C
P-Core #3	85.0 °C	-11.0 °C	94.0 °C
P-Core #4	81.0 °C	-14.0 °C	87.0 °C
P-Core #5	79.0 °C	-14.0 °C	90.0 °C
E-Cores (Max)	84.0 °C	-10.0 °C	88.0 °C
E-Core #6	84.0 °C	-10.0 °C	88.0 °C
E-Core #7	84.0 °C	-10.0 °C	88.0 °C
E-Core #8	84.0 °C	-10.0 °C	88.0 °C
E-Core #9	85.0 °C	-10.0 °C	88.0 °C
E-Core #10	80.0 °C	-14.0 °C	84.0 °C
E-Core #11	80.0 °C	-14.0 °C	83.0 °C
E-Core #12	79.0 °C	-14.0 °C	83.0 °C
E-Core #13	79.0 °C	-15.0 °C	84.0 °C
Power			
Package	45.06 W	7.09 W	116.49 W
IA Cores	21.65 W	1.26 W	95.29 W
GT	14.42 W	0.00 W	19.67 W
Power Max (PL1)	45.00 W	45.00 W	45.00 W
Short Power Max (PL2)	115.00 W	115.00 W	115.00 W
Utilization			
Clocks			
P-Core #0	2484 MHz	399 MHz	4990 MHz
P-Core #1	2384 MHz	399 MHz	4990 MHz
P-Core #2	2484 MHz	399 MHz	4989 MHz
P-Core #3	2484 MHz	399 MHz	4990 MHz
P-Core #4	2484 MHz	399 MHz	4988 MHz
P-Core #5	2384 MHz	399 MHz	4990 MHz
E-Core #6	1895 MHz	399 MHz	3393 MHz
E-Core #7	1895 MHz	399 MHz	3393 MHz
E-Core #8	1895 MHz	399 MHz	3393 MHz
E-Core #9	1895 MHz	399 MHz	3393 MHz
E-Core #10	1895 MHz	1795 MHz	3393 MHz
E-Core #11	1895 MHz	1795 MHz	3393 MHz
E-Core #12	1895 MHz	399 MHz	3393 MHz
E-Core #13	1895 MHz	1795 MHz	3393 MHz
Samsung M423R2GA3PB0-CW...			
EXSAM5G120GV025C00			
Generic: Flash Disk			
Intel(R) UHD Graphics			
NVIDIA RTX A2000 Embedded G...			



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- Chamber in 60°C / 85%RH

The screenshot displays a Windows 11 desktop environment during a stress test. The main window is BurnInTest V9.0 Pro (1010), which shows a 'STOP' button and a large green banner indicating 'RUNNING (0 Errors)'. The CPU test is active, showing a cycle of 8545 operations with 75% completion. The GPU test is also active, showing a cycle of 13314 operations with 39% completion. The TechPowerUp GPU-Z window shows the NVIDIA RTX A2000 Embedded GPU running at 1200 MHz GPU Clock, 1700.2 MHz Memory Clock, and 88.7°C GPU Temperature. The HWMonitor window shows the system temperature at 97.0°C and various sensor readings for the Intel Core i7 processor, including P-Cores and E-Cores temperatures and power consumption.

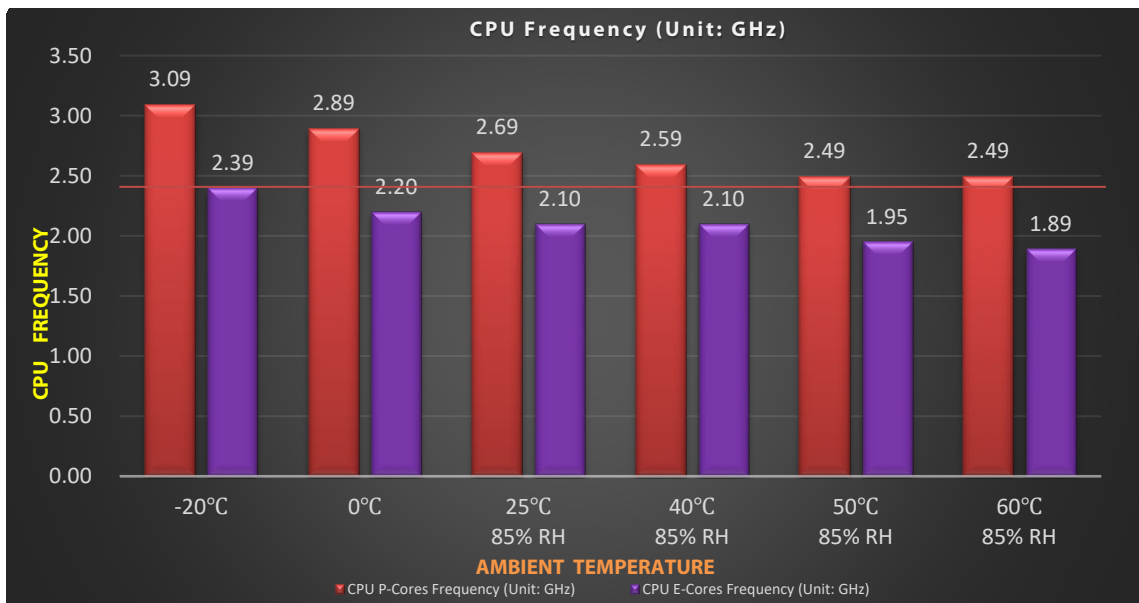
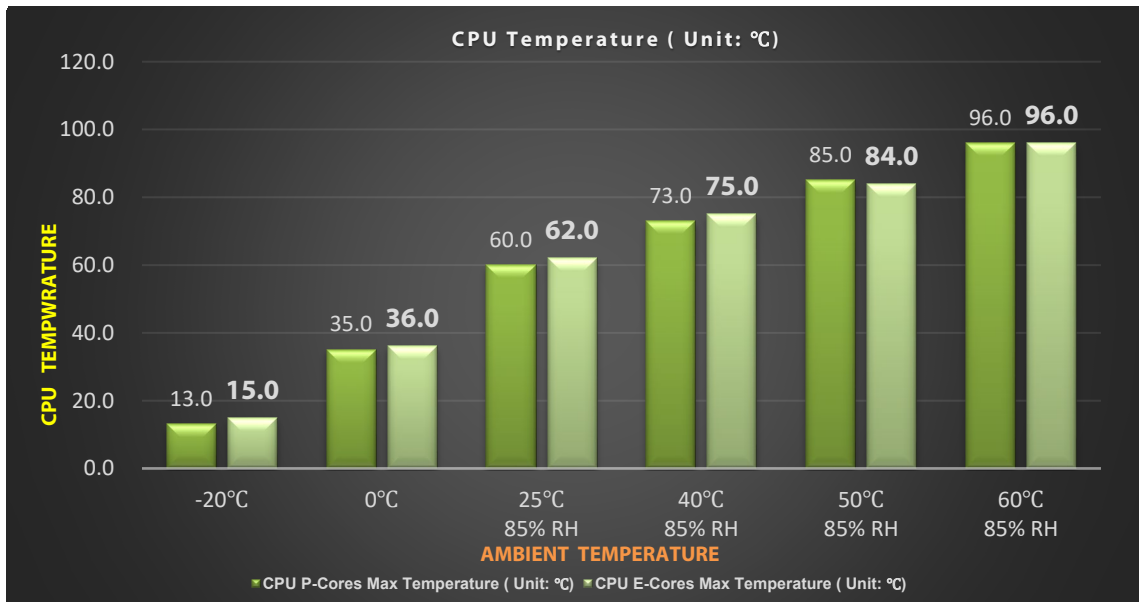


4. THERMAL TEST RESULT(-20°C ~ +60°C)

CPU & GPU Temperature and Frequency

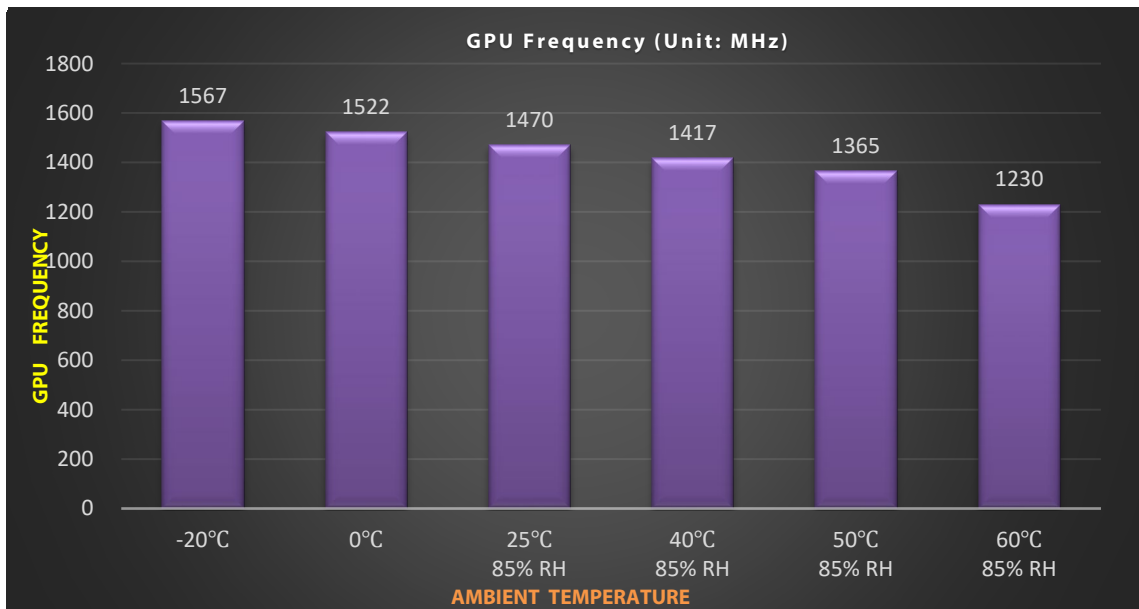
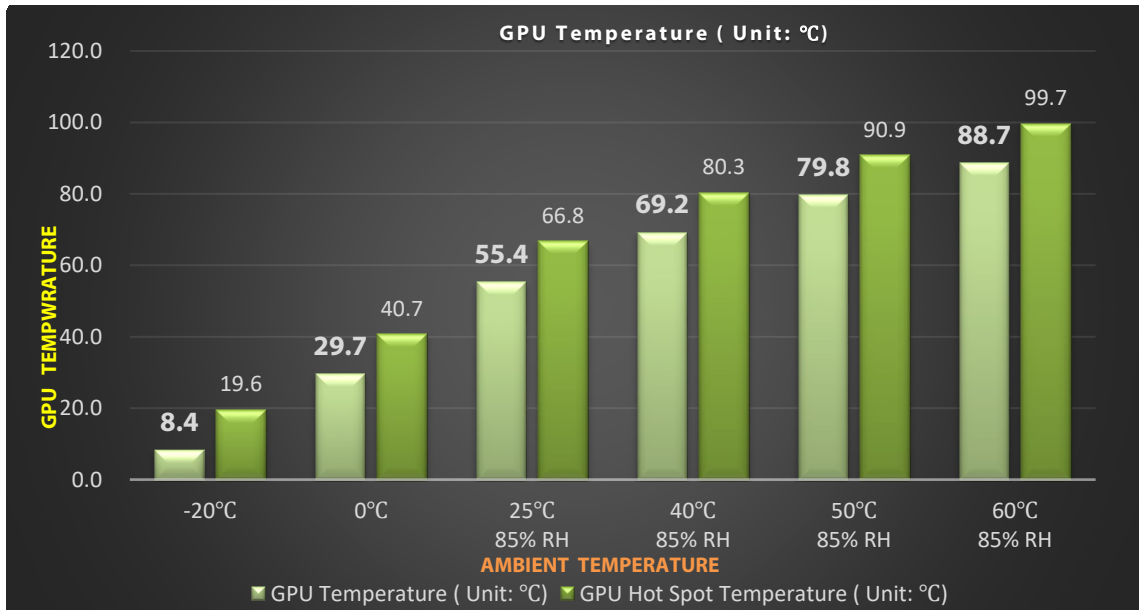
*CPU Processor Base Frequency: 2.50 GHz

Temperature / Frequency	Ambient Temp.	-20°C	0°C	25°C 85% RH	40°C 85% RH	50°C 85% RH	60°C 85% RH
CPU P-Cores Max Temperature (Unit: °C)		13.0	35.0	60.0	73.0	85.0	96.0
CPU E-Cores Max Temperature (Unit: °C)		15.0	36.0	62.0	75.0	84.0	96.0
CPU P-Cores Frequency (Unit: GHz)		3.09	2.89	2.69	2.59	2.49	2.49
CPU E-Cores Frequency (Unit: GHz)		2.39	2.20	2.10	2.10	1.95	1.89
GPU Temperature (Unit: °C)		8.4	29.7	55.4	69.2	79.8	88.7
GPU Hot Spot Temperature (Unit: °C)		19.6	40.7	66.8	80.3	90.9	99.7
GPU Frequency (Unit: MHz)		1567	1522	1470	1417	1365	1230



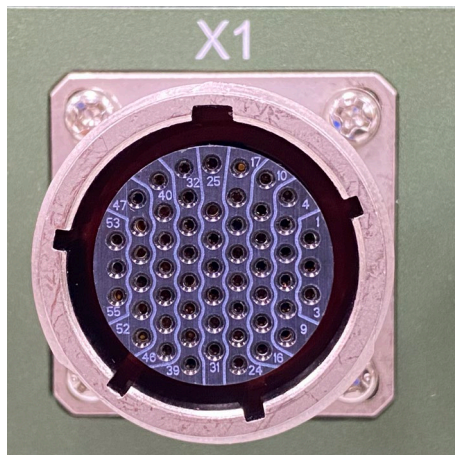
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5. I/O FUNCTION TEST

5-1. SERIAL PORT (RS232 *4)



BurnInTest V9.0 Pro (1010)

File Edit Configuration Test Quick Tests Help

Dashboard System Information Event Log Temperature

Current configuration

STOP Start time: Tue Aug 20 09:42:16 2024
Stop time: -
Duration: 090h 44m 42s

Serial Port 1 Test	Serial Port 2 Test	Serial Port 3 Test
Serial Port: COM1	Serial Port: COM2	Serial Port: COM3
Test speed: 115200 bits/sec	Test speed: 115200 bits/sec	Test speed: 115200 bits/sec
Bytes sent: 369949800	Bytes sent: 368911200	Bytes sent: 369197400
Bytes received: 369949500	Bytes received: 368910900	Bytes received: 369197100
Errors: 0	Errors: 0	Errors: 0
Throughput: 2166.6 Bytes/sec	Throughput: 2238.5 Bytes/sec	Throughput: 2164.2 Bytes/sec

Serial Port 4 Test
Serial Port: COM4
Test speed: 115200 bits/sec
Bytes sent: 369256500
Bytes received: 369256200
Errors: 0
Throughput: 2164.2 Bytes/sec

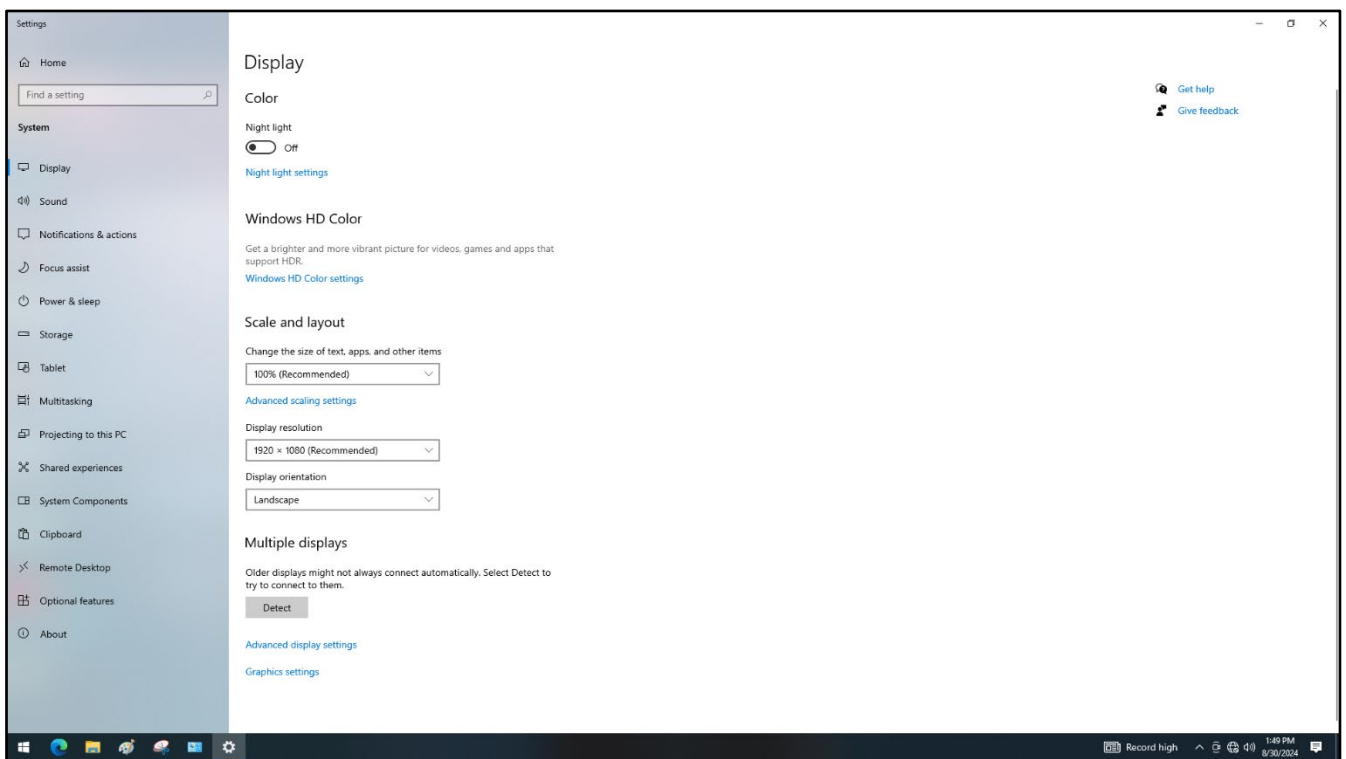
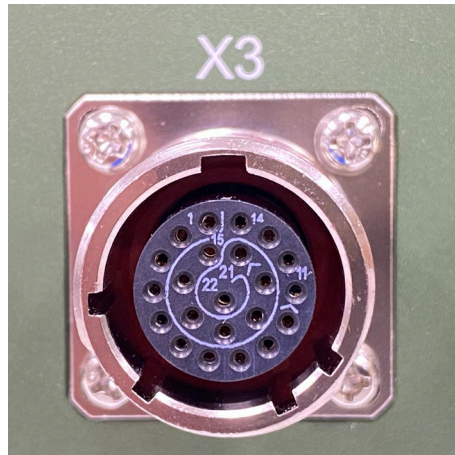
RUNNING (0 Errors)

Ready

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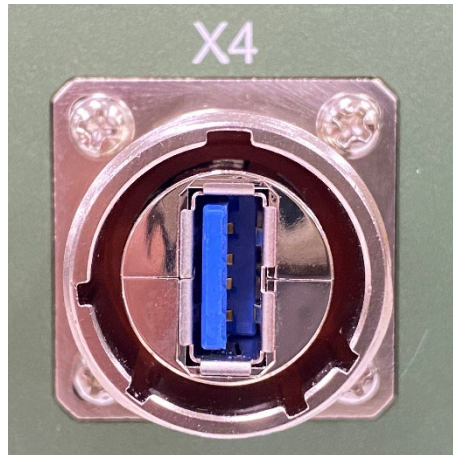
5-3. DISPLAY (VGA)



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5-4. USB 3.0



PassMark(TM) USB3Test

Select USB Device

Device: PMU33ZQ2CX (SuperSpeed 5Gb/s)

Connection Type: SuperSpeed 5Gb/s

Test mode

Loopback

Benchmark

Results *Status: BENCHMARK test - Complete*

Duration: 008h 00m 00s Operations: 0 Errors: 0

Write block 40583: 3320.7 Mb/s (415.1 MB/s)
Read block 40584: 3358.3 Mb/s (419.8 MB/s)
Write block 40584: 3324.2 Mb/s (415.5 MB/s)
Read block 40585: 3349.8 Mb/s (418.7 MB/s)
Write block 40585: 3323.1 Mb/s (415.4 MB/s)
Read block 40586: 3359.4 Mb/s (419.9 MB/s)
Write block 40586: 2721.0 Mb/s (340.1 MB/s)
Read block 40587: 3362.7 Mb/s (420.3 MB/s)

OVERALL BENCHMARK RESULT:

Test Start time:

Duration: 008h 00m 00s

Total number of bytes written: 5174715 MB

Total number of bytes read: 5174842 MB

Maximum Write Data Rate: 3362.9 Mb/s (420.4 MB/s)

Maximum Read Data Rate: 3365.5 Mb/s (420.7 MB/s)

Minimum Write Data Rate: 2713.5 Mb/s (339.2 MB/s)

Minimum Read Data Rate: 3325.4 Mb/s (415.7 MB/s)

Average Write Data Rate: 3318.3 Mb/s (414.8 MB/s)

Average Read Data Rate: 3356.4 Mb/s (419.5 MB/s)

Average Data Rate: 3337.2 Mb/s (417.2 MB/s)

Minimum Data Rate: 2713.5 Mb/s (339.2 MB/s)

Max. Rate 3365

4000

3000

2000

1000

0 (Mb/s)

R/W

Voltage 5.02V

Speed 5Gb/s

Duration 480 Minutes

Start Stop

Configure Flash LEDs

Clear Serial Save Log

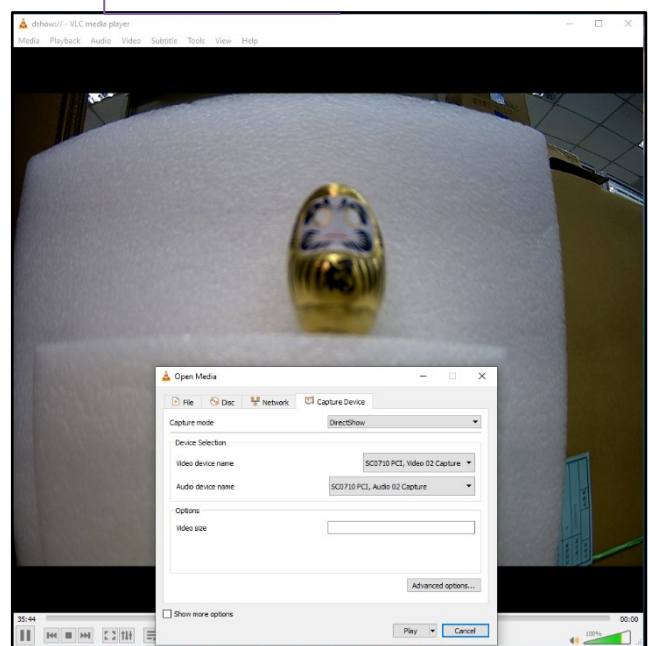
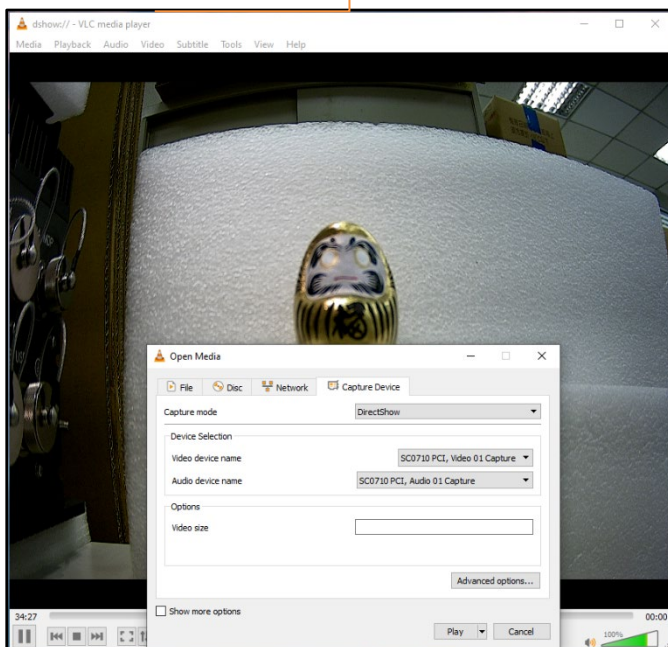
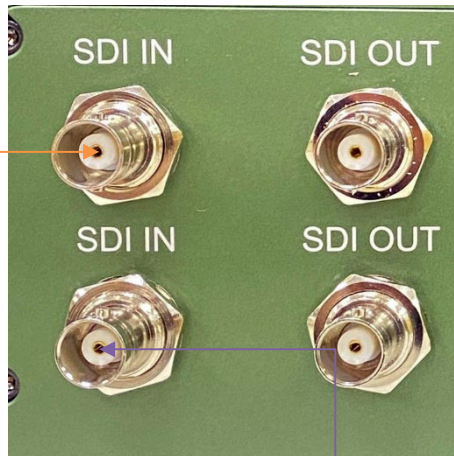
Reset All Help

About Exit

Outgoing Quality Inspection

AV600-RH-A20

5-5. 3G-SDI (Check SDI IN)



6. COSMETIC INSPECTION

No.	Result			Inspection items	Remark
	OK	NG	NA		
1	✓			Whether there are Scratch mark on the appearance?	
2	✓			Whether the cutting edge is oxidized in appearance?	
3	✓			Whether there are impact scars on the appearance?	
4	✓			Whether there is any burr on the exterior?	
5	✓			Whether there is a deformation in the appearance?	
6	✓			Is there any dirt or glue residue on the outside?	
7	✓			Is the baking paint peeling or spilled on the appearance?	
8	✓			Is the version of the nameplate correct and not skewed or warped?	
9	✓			Is the serial number version sticker affixed and is the version correct?	
10	✓			HDD CAGE/TRAY trial installation and actual configuration to confirm whether there is interference?	

Cosmetic Inspection Photo

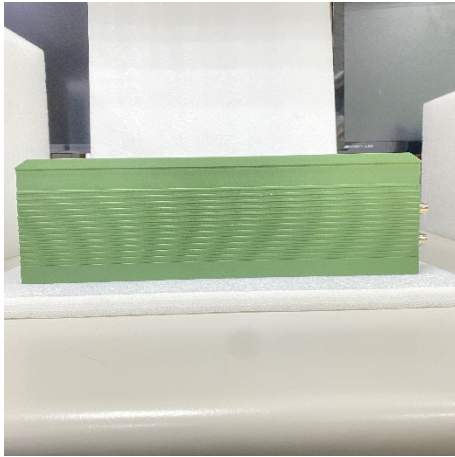
FRONT SIDE



BACK SIDE



LEFT SIDE



RIGHT SIDE



TOP SIDE



BOTTOM SIDE

