



Declaration of Conformity

Logic Supply, Inc.
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We hereby declare that equipment: **Rugged Fanless PC model(s): xxxxxK300xxxxxxxxxxxxxxxx** (where x is any alphanumeric character, "-" or blank designating configuration differences) was tested in accordance with the following standards:

Test	Result
IEC 60068-2-64 Vibration Test 1	PASS
IEC 60068-2-64 Vibration Test 2	PASS
IEC 60068-2-27 Shock Test 1	PASS
IEC 60068-2-27 Shock Test 2	PASS
IEC 60068-2-27 Shock Test 3	PASS

Vibration Tests

Test Method 1: Refer to IEC 60068-2-64
 Test Condition: Full System EUT #1 & EUT #2
 Performance Requirement: Operational after test
 Waveform: Random
 Frequency: 5Hz to 500Hz
 Test Axis: ±Longitudinal, ±Transversal, ± Vertical Axis
 Duration: 5 hours per axis

Frequency (Hz)	Longitudinal PSD (g ² /Hz)	Transversal PSD (g ² /Hz)	Vertical PSD (g ² /Hz)
5	0.9	0.37	1.86
20	0.9	0.37	1.86
500	0.016	0.0067	0.034
Grms (g²/Hz)	7.29	4.69	10.53

Test Method 2: Refer to IEC 60068-2-64
 Test Condition: 1 screw removed from chassis, EUT#3
 Performance Requirement: Operational after test
 Waveform: Random
 Frequency: 5Hz to 500Hz
 Test Axis: ±Longitudinal, ±Transversal, ±Vertical Axis
 Duration: 10 minutes per axis

Frequency (Hz)	Longitudinal PSD (g ² /Hz)	Transversal PSD (g ² /Hz)	Vertical PSD (g ² /Hz)
5	0.01	0.01	0.01
20	0.02	0.02	0.02
>20	0.01	0.01	0.01
500	0.01	0.01	0.01
Grms (g ² /Hz)	2.24	2.24	2.24

Shock Tests

Test Method 1: Refer to IEC 60068-2-27

Test Condition: Full System, EUT #1, EUT #2, & EUT #4

Performance Requirement: Operational after test

Acceleration: 50 G

Pulse Shape and Duration: Half Sine Wave, 11 ms

Axes: ± Longitudinal, ± Transversal, ± Vertical

Number of pulses per axis: 3

Test Method 2: Refer to IEC 60068-2-27

Test Condition: Full System, EUT #1 & EUT #2

Performance Requirement: Operational after test

Acceleration: 30 G

Pulse Shape and Duration: Half Sine Wave, 18 ms

Axes: ± Longitudinal, ± Transversal, ± Vertical

Number of pulses per axis: 3

Test Method 3: Refer to IEC 60068-2-27

Test Condition: 1 screw removed from chassis, EUT #3

Performance Requirement: Operational after test

Acceleration: 25 G

Pulse Shape and Duration: Trapezoidal, 11 ms

Axes: ± Longitudinal, ± Transversal, ± Vertical

Number of pulses per axis: 3

Test Report(s): S&V 03/25/19 Rev. A, NPP50P FMSK08072019-1, NPP50P FMSKVB07162019-1

By:

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Date 2019-11-21

Jeremy Psaute
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