

CERTIFICATE OF COMPLIANCE
Certification Number : ESL122286-C810H (UX10)

Company: Getac Inc.

Equipment Tested: Getac UX10 Rugged Tablet Computer

Test Standard: MIL-STD-810H w/ Change 1

Details: This is to certify that the following environmental tests have been performed on the **Getac UX10 Rugged Tablet Computer** and found to be in compliance with the requirements and Procedure of **MIL-STD-810H w/ Change 1** detailed in the following summary table.

No evidence of functional failure was observed during testing.

All calibrated Test equipment utilized during testing is maintained in a current state of calibration per the requirements of ISO/IEC 17025:2017.

For further test details please reference the Eurofins Electrical and Electronic Testing NA, Inc. test report, ESL122286-MIL.



Steven Pitta
General Manager
Eurofins Electrical and Electronic Testing NA, Inc.

July 5, 2023
Date

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The table below is to show that the following environmental testing was performed on the **Getac UX10 Rugged Tablet Computer** and is in compliance with the requirements of MIL-STD-810H w/ Change 1 below;

Test	Procedure Specification		MIL-STD-810H Reference	Pass/Fail
Altitude (Low Pressure)-Storage/Air Transport	50,000ft with altitude change rate 2,000 ft/min.	Non-operating	Method 500.6 Procedures I	Pass
Altitude (Low Pressure)-Operation/Air Carriage	50,000ft with altitude change rate 2,000 ft / min	Operating	Method 500.6 Procedures II	Pass
High Temperature	Seven 24 hour cycles of 33-71°C (91– 160°F)	Non-operating	Method 501.7 Procedures I	Pass
High Temperature	72 hours constant temperature exposure 63°C (145°F)	Operating	Method 501.7 Procedures II	Pass
High Temperature-Tactical Standby to Operational	High storage (non-operating) to high operating (test for operation) 71°C (160° F) Standby, 63°C (145° F) Operating	Non-operating to Operating	Method 501.7 Procedures III	Pass
Low Temperature	72 hours constant temperature exposure -51.1° C (-60° F)	Non-operating	Method 502.7 procedure I	Pass
Low Temperature	72 hours constant temperature exposure -29°C (-20° F) / -31.7°C (-25° F) -29°C (-20° F) operating on battery mode -31.7°C (-25° F) operating on AC mode	Operating	Method 502.7 Procedures II	Pass
Temperature Shock	Multi-cycle shocks from constant extreme temperature: -51.1°C~93.3°C (-60° F~200° F), temperature shock, three cycles	Non-operating	Method 503.7 procedure I -C	Pass
Contamination by Fluids	26 fluids, intermittent contamination exposure	Non-operating	Method 504.3	Pass
Solar Radiation	Cyclic heat, 7 days. Category A1.	Non-operating	Method 505.7 Procedure I	Pass
Blowing Rain	Blowing Rain- 5.8in/hr rain, 70mph wind, 30 minutes per surface	Operating	Method 506.6 procedure I	Pass
Rain Drip	Rain Drip, 15 minute exposure (280L/m²/hr)	Operating	Method 506.6 procedure III	Pass
Humidity	Cycle B3 for normal test duration of Induced cycles (15 days) and Natural Cycle (15 days)	Non-operating Operating	Method 507.6 Procedure I	Pass
Humidity- Aggravated	Ten 24-hour temperature cycles between 30°C (86°F) and 60°C (140°F) with relative humidity maintained at 95% RH	Non-operating	Method 507.6 Procedure II	Pass
Salt Fog / Corrosive Environments	24 hours of salt fog soaking followed by a 24 hours drying period. Repeated for a total of two cycles	Non-operating	Method 509.8 Procedure I	Pass
Sand and Dust: Blowing Dust	Dust resistance using Silica flour with 6 hours at 23°C and an additional 6 hours at 63°C	Operating	Method 510.7 procedure I	Pass
Sand and Dust: Blowing Sand	Blowing sand with a Sand concentration of 2.2±0.5g/m³ at 63°C	Operating	Method 510.7 procedure II	Pass
Explosive Atmosphere	Altitude 20,000 ft and temperature of 63°C (145°F)	Operating	Method 511.7 procedure I	Pass
Vibration- General Vibration	Category 20, Ground vehicles - Ground mobile, composite wheeled vehicles, Figure 514.8 C-6, 2hr/ axis (Transportation)	Operating	Method 514.8, Procedure I , Category 20	Pass
Vibration- General Vibration	Category 4, Typical mission/field transportation scenario, common carrier Figure 514.8 C-2, 2hr/ axis (Transportation)	Operating	Method 514.8, Procedure I Category 4	Pass
Vibration- General Vibration	Category 5, Loose cargo (Transportation)	Non-operating	Method 514.8, Procedure II, Category 5	Pass
Vibration- General Vibration	Under Fig 514.8 E-1 General min. integrity exposure	Non-operating	Method 514.8, Procedure I, Category 24	Pass
Shock- Functional Shock	40g, 11ms , Terminal Saw tooth	Operating	Method 516.8 procedure I	Pass

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Shock- Functional Shock	Peak Acceleration of 75g's, Effective Shock Duration of 8-13ms, and Cross-Over Frequency of 80Hz	Operating	Method 516.8 procedure I	Pass
Shock: Transit Drop	26 total drops from 48 in height, free drop onto 2 in of plywood Use the same tablet to test 60 and 72 inch drop test	Operating	Method 516.8 procedure IV	Pass
Shock: Transit Drop	26 total drops from 60 in height, free drop onto 2 in of plywood Use the same tablet to test 48 and 72 inch drop test	Operating	Method 516.8 procedure IV	Pass
Shock: Transit Drop	26 total drops from 72 in height, free drop onto 2 in of plywood Use the same tablet to test 48, 60 and 72 inch drop test	Operating	Method 516.8 procedure IV	Pass
Shock: Bench Handling	4 drops on solid wooden bench top	Operating	Method 516.8 procedure VI	Pass
Freeze / Thaw	Rapid Temperature Change for 3 cycles	Non-operating	Method 524.1 procedure III	Pass

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