



Testing Summary
Getac UX10 Tablet Docking Station
 (7160-1253)

Summary of Tests Performed at Gamber-Johnson

Test Description	Test Parameters
Vibration – Operational Test date: January 2020	Getac Developmental Testing Specification per Figure 1. Test duration is 2 hours along three mutually orthogonal axes – not simultaneously (6 hours total). <ul style="list-style-type: none"> • Unit is unlocked • OEM provided operating conditions
Vibration – Operational RF Connection Test date: January 2020	MIL-STD-810G, Method 514.6, Procedure 1, Category 4, per Figure 514.6C-1. Test duration is two hours along three mutually orthogonal axes – not simultaneously (6 hours total). <ul style="list-style-type: none"> • Unit is unlocked • OEM provided operating conditions • Test is performed simultaneously with operational test. • Test is monitored to record any breaks in RF connectivity during vibration.
Vibration – Non-Operational (Minimum Integrity) Test date: January 2020	Getac Developmental Testing Specification. MIL-STD-810G, Method 514.6, Category 24, per Figure 514.6E-1. Test duration is 1 hour along three mutually orthogonal axes – not simultaneously (3 hours total). <ul style="list-style-type: none"> • Unit is unlocked • OEM provided operating conditions
Shock – Bump Test Test date: February 2020	Getac Developmental Testing Specification. IEC 60068-2-27:2008. 1000 positive and negative pulses in the vertical axis, 2000 total. <ul style="list-style-type: none"> • 25G, 6ms half sine • Unit is unlocked
Functional Shock - Operational Test date: February 2020	Getac Developmental Testing Specification. MIL-STD-810G, Method 516.6, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses total. <ul style="list-style-type: none"> • 20G, 11ms Terminal Peak Saw-Tooth • Unit is unlocked
Mechanical Shock Safety - Non-Operational Test date: February 2020	Getac Developmental Testing Specification. MIL-STD-810G, Method 516.6, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses total. <ul style="list-style-type: none"> • 40G, 11ms half sine • Unit is unlocked

An ISO 9001:2015 certified company



Cycle Testing – Non-Operational Test date: Nov. 2019	<ul style="list-style-type: none"> 30,000 cycles of the docking connector, latching and locking mechanisms.
Electrostatic Discharge – Operational Test date: October 2019	<ul style="list-style-type: none"> ISO 10605, Section 8, Table C.2, Category 2 – Direct Air Discharge

Summary of Tests Performed at Independent Facility

Test Description	Test Parameters
Humidity Test date: Sept. 2019	MIL-STD 810G, Method 502.5, Procedure II, Aggravated, Table 507.5 <ul style="list-style-type: none"> Ten 24-hour cycles, temperature varied from 30°C to 60°C to 30°C at constant 95% relative humidity.
Thermal Shock Test date: Sept. 2019	MIL-STD 810G, Method 503.5, Procedure I-C <ul style="list-style-type: none"> Three, 2-hour cycles from 71°C to -40°C to 71°C
Low Temperature: Operational Test date: October 2019	MIL-STD 810G, Method 501.5, Procedure II <ul style="list-style-type: none"> -20°C Operating, 96-hour duration
Low Temperature: Storage Test date: Sept. 2019	MIL-STD 810G, Method 502.5, Procedure I <ul style="list-style-type: none"> -40°C Non-Operating, 96-hour duration
High Temperature: Operational Test date: Sept. 2019	MIL-STD 810G, Method 501.5, Procedure II <ul style="list-style-type: none"> 50°C Operating, 96-hour duration
High Temperature: Storage Test date: October 2019	MIL-STD 810G, Method 501.5, Procedure I <ul style="list-style-type: none"> 71°C Non-Operating, 96-hour duration
Shock – Crash Hazard Test date: Nov. 2019	SAE J1455, Section 4.11.3.5, per Figure 13 <ul style="list-style-type: none"> Unit is unlocked
EMC Testing Test date: October 2019	EN 50498:2010
EMC Testing Test date: August 2018	EN 55032:2015 <ul style="list-style-type: none"> CISPR 32 – Class B FCC Part 15, Subpart B – Class B
E-Mark Test date: Nov. 2019	ECE R10 REV.5

Other Certifications

An ISO 9001:2015 certified company



Description

EN 50581:2012 RoHS2 Directive 2011/65/EU
--

An ISO 9001:2015 certified company

Gamber-Johnson LLC · 3001 Borham Avenue · Stevens Point, Wisconsin 54481
PHONE: 1-715-344-3790 · FAX: 1-715-344-5209 · EMAIL: gamberj@gamberjohnson.com ·
www.gamberjohnson.com