Test Certificate

Lenovo (Beijing) Co., Ltd.

According to MIL 810H Test for ThinkPad, the Lenovo product ***ThinkPad E14 Gen2 AMD*** has been tested based on test items and corresponding conditions of the following table, and the test results met the standard requirements. Hereby Certify!

MIL-810H	Title	Procedure	Item	Test Condition	EUT Condition	Result
500.6	Low Pressure (Altitude)	Procedure I (Storage)	(1)	15,000 feet for 1 hour 57.2kPa or 8.3 psia	Power Off	PASS
		Procedure II (Operation)	(2)	15,000 feet for 1 hour 57.2kPa or 8.3 psia	Power On	PASS
501.7	High Temperature	Procedure I (Storage)	(3)	71C 4 hours (Hot Dry)	Power Off	PASS
		Procedure II (Operation)	(4)	60C 2 hours (Hot Dry)	Power On	PASS
502.7	Low Temperature	Procedure I (Storage)	(5)	-51C 24 hours (Severe Cold)	Power Off	PASS
		Procedure II (Operation)	(6)	-29C 2 hours (Severe Cold)	Power On	PASS
503.7	Temperature Shock	Procedure I-A	(7)	One-way shock -51C to 71C 4hours	Power Off	PASS
		Procedure I-B	(8)	Single cycle shock -51C to 71C to -25C 6hours	Power Off	PASS
505.7	Solar Radiation	Procedure I Cycling	(9)	Three 24-hour cycles of controlled simulated solar radiation	Power Off	PASS
		Procedure II Steady State	(10)	Four 24-hour cycles, 505.7-2	Power Off	PASS
507.6	Humidity	Procedure II Aggravated Cycle	(11)	95%RH 30C-60C 24hours x 10cycles	Power Off	PASS
510.7	Sand and Dust	Procedure I Blowing Dust	(12)	140 mesh silica, 10 g/m³: 8.9 m/s 12 hours 25C for 6 hours and 35C for 6 hours	Power Off/On	PASS
		Procedure II Blowing Sand	(13)	Silica sand (at least 95% by weight SiO2) 0.18 g/m³, 18m/s 90 min x 2 direction	Power Off	PASS
511.7	Explosive Atmosphere	Procedure I Explosive Atmosphere	(14)	Operated in a fuel vapor environment	Power On	PASS
514.8	Vibration	514.8E-1 Category 24 General	(15)	Fig 514.8E-1 General min integrity exposure 1 hour/axis x 3 axis	Power Off	PASS
		514.8C-2 Category 4 Common carrier	(16)	Table 514.8C-I Common Carrier 1 hour in all 3 axis	Power On	PASS
516.8	Shock	Procedure I Functional Shock	(17)	Table 516.8-IV Terminal peak sawtooth pulse	Power On	PASS
		Procedure IV Transit drop	(18)	122cm Drop on each face, edge and corner	Power Off	PASS
		Procedure V Crash Hazard Shock	(19)	75G/6ms , 12 shocks	Power Off	PASS
		Procedure VI Bench Handling	(20)	100mm height edge drop 4 drops on top and bottom	Power Off	PASS
524.1	Freeze/Thaw	Procedure III (Rapid Temperature Change)	(21)	From 25℃ to -10℃	Power Off	PASS
528.1	Vibrations of Shipboard	Procedure I (Type I)	(22)	4 to 33 Hz , 2 hours	Power On	PASS

Hefei LCFC Information Technology Co., Ltd.

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The validity of the certificate is only for the samples tested, and the declaration of conformity of the certificate is based on the test data and results of the reference test report.

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