Acer Air Monitor – Hardware Specification

Processor	BROADCOM 20373S ARM Cortex-M3		**Multimedia**	Buzzer
Memory	Embedded 215Kb EEPROM		**Certification**	US: FCC, IC; EU: CE; NCC/BSMI
	60Kb RAM		**Green Design**	Comply with Acer Guidance Of_Restricted_Substances_In_Products 707-0008-V8
Power	Voltage Range/frequency: 100 – 240V AC, 50/60 Hz			RoHS/WEEE; PVC Free; Halogens Free
	DC Output: 5V/1A			
Battery	Rechargeable/non-Replaceable Lithium-ion Polymer Battery			
	Capacity: 1500mAh			
Connectivity	Bluetooth 4.0 LE			
	Wi-Fi 802.11 b/g/b (Acer IoT Wi-Fi Module)			
Particulate Matter Sensor	PM2.5/PM10 ($\mu g/m^3$) Experimental estimation from Sensor output			
	Detectable Particle Size >0.7 μm PM2.5 Range: 0 – 500 $\mu g/m^3$; Resolution: 1.0 $\mu g/m^3$ PM10 Range: 0-1000 $\mu g/m^3$; Resolution: 1.0 $\mu g/m^3$			
CO2 Sensor	CO2 Indicator conversion from tVOC (Range:450 – 10000 ppm, Resolution: 1 ppm			
Temperature Sensor	Range: -20℃ to 80℃, Resolution: 0.1 ℃			
Humidity Sensor	Relative Humidity %; Range: 0 - 100%, Resolution: 1.0%			
Ambient Light Sensor	Yes			