

Table S2. Bill of Materials and Component Costs for the IAQ Monitor

Component	Quantity	Cost (\$)
ESP32 development board (30 pin)	1	7.0
MH-Z14	1	32.0
PMS5003	1	19.0
MicroSD card module	1	0.9
MicroSD card (4 GB)	1	4.0
Perfboard	2	0.4
USB-A to USB-C cable	2	4.0
microUSB to USB-C	1	5.0
Portable power bank (5 V output)	1	6.0
USB Wall Adapter	1	6.0
Jumper wires	1	0.8
Total	12	89.5