



Sigma Tile BOM

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The electronics components, fasteners and tools can be easily ordered online from various electronics and hardware suppliers. The enclosure can be 3d-printed using the STL file provided.

	Estimated Unit Cost	Qty	Estimated Cost
Electronic Components (minimum required)			
Raspberry PI 3 Model B	\$ 39.95	1	\$ 39.95
Raspberry Pi Sense Hat	\$ 39.95	1	\$ 39.95
16GB MicroSD card	\$ 6.95	1	\$ 6.95
MicroUSB Cable	\$ 6.95	1	\$ 6.95
Enclosure (recommended)			
3D Printed cover	\$ 9.00	1	\$ 9.00
3D printed spacer	\$ 2.00	1	\$ 2.00
3D Printed enclosure body	\$ 15.00	1	\$ 15.00
Fasteners (recommended)			
M2.5-0.45 8mm Socket Hexagonal Head screws	\$ 0.22	4	\$ 0.88
Hex Nut M2-0.45	\$ 0.04	4	\$ 0.18
M4-0.7 30mm Cap Screw Socket Hexagonal Head Screw	\$ 0.45	1	\$ 0.45
Hex Nut M4-07	\$ 0.10	1	\$ 0.10
Magnets 0.25" (x3)	1.5	3	\$ 4.50
ThingMark sticker (recommended)	\$ 0.50	1	\$ 0.50
Estimated Total cost for minimum required			\$ 93.80
Estimated Total cost for recommended components			\$ 126.40
Tools / Accessories			
Hex Key Short M2	\$ 0.45	1	\$ 0.45
Hex Key Short M2.5	\$ 0.45	1	\$ 0.45
USB Keyboard and Mouse	\$ 24.00	1	\$ 24.00