

AM8 BOM

Item	Qty	Unit Cost	Total Cost	Link	Notes
<b>Extrusions</b>					
340mm 2040 Misumi HFS5-2040-340	2	\$3.63	\$7.34	<a href="https://us.misumi-ec.com/vona2/de">https://us.misumi-ec.com/vona2/de</a>	Side extrusions for the Y axis
313mm 2040 Misumi HFS5-2040-313	3	\$3.38	\$10.14	<a href="https://us.misumi-ec.com/vona2/de">https://us.misumi-ec.com/vona2/de</a>	Front, back, and cross member at the top of the Z axis.
440mm 2040 Misumi HFS5-2040-440	2	\$4.75	\$9.50	<a href="https://us.misumi-ec.com/vona2/de">https://us.misumi-ec.com/vona2/de</a>	Vertical Z extrusions
<b>Brackets</b>					
HBLFSNF5 Corner Bracket	12	\$0.63	\$7.56	<a href="https://us.misumi-ec.com/vona2/de">https://us.misumi-ec.com/vona2/de</a>	
<b>Hardware</b>					
M5x10 Button Head Socket Cap Screw	100	\$0.09	\$8.99	<a href="https://www.amazon.com/dp/B073f">https://www.amazon.com/dp/B073f</a> <a href="http://www.mrmetric.com/M10089">http://www.mrmetric.com/M10089</a>	93 are actually needed, but 100 gives you a significant discount and a few extras just in case.
M5x10 Socket Head Cap Screw	8	\$0.14	\$1.12	<a href="https://www.amazon.com/dp/B0010">https://www.amazon.com/dp/B0010</a>	Used for Z axis motor mounts
M5x16 Socket Head Cap Screw	6	\$0.25	\$2.25	<a href="https://www.amazon.com/dp/B0010">https://www.amazon.com/dp/B0010</a> <a href="http://www.mrmetric.com/M53065">http://www.mrmetric.com/M53065</a>	Used for rubber feet connections
M5x.8 Square Nut	110	\$0.04	\$4.40	<a href="https://www.amazon.com/dp/B019z">https://www.amazon.com/dp/B019z</a>	
M3 Washer	8	\$0.06	\$6.16	<a href="https://www.amazon.com/dp/B015/">https://www.amazon.com/dp/B015/</a>	
M3x25 Flat Head Machine Screw	4	\$0.05	\$0.20	<a href="http://www.mrmetric.com/M30799">http://www.mrmetric.com/M30799</a>	Shorter screws for bed leveling to avoid interference with rod holders.
<b>Misc</b>					
Rubber Feet 10 pack	1	\$6.26	\$6.26	<a href="https://www.amazon.com/dp/B008l">https://www.amazon.com/dp/B008l</a>	Only need 6
<b>Total</b>					
			\$63.92		
<b>Highly Recommended Safety Upgrades</b>					
External Bed MOSFET Board				<a href="https://www.amazon.com/dp/B01H">https://www.amazon.com/dp/B01H</a>	This is recommended to help mitigate <b>one</b> of the fire risks of the Anet A8. Research "External Bed MOSFET" for installation help

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E3D V6 Style Heat Block	<a href="https://www.amazon.com/dp/B073f">https://www.amazon.com/dp/B073f</a>	The stock heat block has a set screw that works loose over time, allowing the heater to fall out. This is a catastrophic failure. Clamping style blocks do not have this issue.
High Quality Mean Well Power Supply	<a href="https://www.amazon.com/dp/B010s">https://www.amazon.com/dp/B010s</a> OR <a href="https://www.amazon.com/dp/B007h">https://www.amazon.com/dp/B007h</a>	Mean Well makes high quality, UL listed power supplies. I have both of these supplies and both work well. The LRS is thinner and cheaper, but both of them have roughly the same specifications
Spade Connectors	<a href="https://www.amazon.com/dp/B005t">https://www.amazon.com/dp/B005t</a>	Crimp these on the ends of your wires going to the external MOSFET and Power Supply to give a better connection.
<p>With MrMetric.com going out of business, I am finding alternative sourcing for the parts. If I have completely replaced the MrMetric link, that means they no longer have the part in stock (And won't be getting it again). If an item has multiple links, it means the item was still available from MrMetric at the time of edit but an alternative link is being provided for whenever they run out of stock.</p> <p>For full disclosure, the Amazon links are affiliate links, and I may earn a small commission from Amazon if you purchase the products through that link (at no extra cost to you). That commission will help fund this and future projects.</p>		