

# Bill of Materials – Embedded Intelligent Microscopy System

#	Component	Unit Price (₹)	Qty	Total (₹)	Notes
1	Raspberry Pi High Quality Camera (12.3 MP)	5,200	1	5,200	Robu.in
2	300x Microscope Lens (C-mount)	6,000	1	6,000	Robu.in
3	LED Ring Light (adjustable)	1,500	1	1,500	Maker-grade option
4a	Raspberry Pi 4 Model B (8 GB)	6,500	1	6,500	Robu.in
4b	NVIDIA Jetson Nano Dev Kit (4 GB)	12,500	1	12,500	Robu.in
5	Heatsink & Fan (Nano only)	1,000	1	1,000	Robu.in
6	MicroSD Card (64 GB, Class 10)	700	1	700	Robu.in
7	Power Supply (5 V 3 A for Pi / 5 V 4 A for Nano)	900	1	900	Robu.in
8	Enclosure / Mounting Frame	1,200	1	1,200	Generic
9	Slide Holder / Stage	600	1	600	Generic
10	Cables, Connectors, 3D-printed parts	1,000	1	1,000	Estimate

## Final Totals

Raspberry Pi 8 GB-based System	₹20,930
Jetson Nano 4 GB-based System	₹30,170