

RPi

- RPi5 + Google Coral Edge TPU
 - Need to [convert](#) from tensorflow and pytorch to tensorflow lite (API exists)
 - RPi 5 8GB ~ \$80
 - Coral TPU ~ \$110-145
- Camera

	RPi AI Camera (Sony IMX500)	RPi Camera Module 3
Price	~\$77	~\$30
MP	12	12
RPi Compatibility	Needs separate cable purchase to connect with RPi 5	Needs separate cable purchase to connect with RPi 5
Interface	CSI-2 serial data output I2C for camera control/config (RPi 5 uses a custom high speed protocol)	CSI-2 serial data output I2C for camera control/config
Autofocus	No - manual focus (default region of interest uses the full image received from the sensor, cropping no data)	Yes
Additional Notes	Import custom models from TensorFlow and PyTorch ISP → input tensor → AI Accelerator → output tensor (contains inference results)	

- LCD
 - [7" HDMI](#)
 - [3.5" HDMI](#)

Skin Remedies

Initial List

1. Acne
 - a. Cleanse - Use a gentle, sulfate-free cleanser sulfate-free cleanser. Avoid harsh scrubs
 - b. Treatment - Apply salicylic acid (exfoliates) or benzoyl peroxide (kills bacteria)
 - c. Hydration - Use a light, oil-free moisturizer to prevent dryness and irritation
 - d. During the day - Use sun protection (SPF 30+)
 - e. During the night - Use retinoid to prevent long-term prevention.
2. Oiliness
 - a. Cleanse - Use a foaming cleanser to remove excess oil without stripping the skin
 - b. Treatment – Apply a toner with niacinamide or witch hazel to balance sebum
 - c. Hydration - Use a gel or water-based hydrator to keep skin balanced
 - d. Oil Control – Blotting papers or mattifying primer during the day
 - e. During the day - Use lightweight, oil-free sunscreen.
3. Wrinkles
 - a. Cleanse - Use a cleanser with a creamy or hydrating formula to avoid over-drying
 - b. Treatment - Apply antioxidant serums such as vitamin C or peptides in the morning and retinoid at night for wrinkle prevention/reduction
 - c. Hydration - Use a moisturizer with ceramides or hyaluronic acid for plumping
 - d. Daily SPF - broad spectrum SPF 30+ to prevent further aging
4. Sunburn
 - a. Cooling - Apply aloe on red areas to soothe skin immediately
 - b. Hydration – Use a moisturizer containing aloe gel or soy
 - c. Avoid actives – No retinoids, acids, or harsh cleansers until healed