



## Edge Family: Comparison Between Models

Model	Edge	Edge 1S	Edge-V	Edge + Captain
NPU		✓		
Power IN	USB-C		USB-C	DC Jack, USB-C
Camera	USB		MIPI CSI, USB	MIPI CSI, USB
Screen			MIPI DSI, eDP	MIPI DSI, eDP
Buttons	3		3	15
LED	2		3	2 + 1
Battery	✓ [1]		✓ [1]	✓
GPIO Header	✓ [2]		✓	✓
TF Card	✓ [2]		✓	✓
IR Receiver			✓	✓
Touch Panel			✓	✓
M.2 Socket			✓ [3]	✓
LAN			✓	✓
Gesture Control			✓	✓
Motion Tracking			✓	✓
RTC Battery Header			✓	✓
Audio Codec				✓
Buzzer				✓
USIC				✓
Board Dimensions	82.0 x 57.5 x 5.7 mm		82.0 x 58.0 x 13.5 mm	82.0 x 116.0 x 13.5 mm
VIMs Form Compatible			✓	
Tone Board Supported			✓	
Available Enclosure			DIY Case	Acrylic Case
Available Heatsink	Edge Heatsink		VIMs Heatsink	Edge Heatsink
PCB Designing	10 Layers Through Hole	10 Layers HDI	10 Layers	10 / 4 Layers
All CPU IO Available	✓ [4]		No USIC	✓
IMX214 Camera Module			✓	✓
Khadas PDK Supported [5]	✓		✓	

[1] The Battery module requires a built-in charging circuit.

[2] Supported via external Edge-IO module.

[3] Edge-V designed with extra GPIO pins including STM8S MCU IO on the M.2 Socket for additional connectivity options.

[4] Via the 314 pins gold fingers, supported via a carrier board with MXM3 connector.

[5] Under development.