

TurboX D845 AI Kit Spec



Module	Item	Spec
Platform	CPU	Qualcomm Snapdragon 845, 8x Qualcomm® Kryo™ 385 @ 2.8GHz
	GPU	Adreno 630 GPU
	DSP	Hexagon 685 DSP
	ISP	Qualcomm Spectra™ 280 image sensor processor
	OS	Android 8.1
Memory	RAM +ROM	8GB LPDDR4X + 64GB UFS2.1
	SD Card	Support MicroSD Card
Camera	Built in Camera	8MP, FOV 120 degree;
	External Camera	USB3.0 camera (accessory, not included in release)
Display	HDMI	1x Micro HDMI, 4k Ultra HD
	Type C	4k Ultra HD
Video	VPU	Support for HDR10, HLG, and H.265 (HEVC) 4k@60fps video capture
Audio	Speaker	1x speaker
	Audio out	1x Headphone
	Microphone	1x microphone
Wireless Connectivity	WIFI	2.4G/5G,802.11 a/b/g/n/ac 2x2 MIMO
Wired Connectivity	USB	3x USB3.0 host, 1x 3.0 Type C
	Ethernet	1x GbE.
Debug Port	Micro USB	1x Micro USB (connecting to serial port for debug purpose)
Indicator	LED	RGB Led: Power status, WIFI status, Ethernet status;
Input	Buttons	Power key/ Volume up/down key/Camera snapshot key
Sensors	9-axis sensor	Gyroscope & accelerometer & geomagnetic sensor
Power	Power charging	12v DC