

Product Name	UP Xtreme i12 Edge
System dimension size	124mmx 152mmx 71.45mm
CPU	UP Xtreme i12 Edge Compute Enabling Kit with the latest latest Intel® 12th Gen Core SoC
Graphics	Intel® UHD Graphics (Core™ i3) / Intel® Iris XE (Core™ i5 & i7)
Memory	LPDDR5 Dual Channel up to 32GB
Storage	1x SATA CONN with POWER CONN
	2xM.2 2280 KEY M PCIE Gen4 X 4 - NVME
Display	HDM 2.0*1 /DP 1.4*1
	1 x USB4.0/Thunderbolt Type-C
	eDP , 4K60 internal pane
USB	3 x USB 3.2 Gen2
	1x USB2.0
	1 x USB4.0/Thunderbolt Type-C
Ethernet	1x Intel i225IT (TSN) / 1 x Intel i219 (vPRO)
Audio	Audio Jack *1
COM Port	x2
I/O	1x eDP with Backlight control Header
	1x HDM 2.0 /1x DP 1.4
	2xUSB2.0 / 1xHSUART (TTL) via 10 pin WAFER
	3 x USB 3.2 Gen2
	1 x USB4.0/Thunderbolt Type-C
	1x 4 pin Fan connector
	1x 6pin wafer for Power and reset botton
	2x RJ45 Ethernet Connector
	1x Power Button / LED
	1x Audio Jack (Mic in/Line out)
	1x DC connector (Lockable) co-lay with pheonix connector (Optional)
Expansion Slot	1x M.2 2230/ E Key (PCIe Gen3 x1)
	2x M.2 2280 M Key (PCIe Gen4)
	1x M.2 3052 B Key with SIM
	1 x 16pin GPIO
	1x SATA Connector with power connector
security	TPM2.0
RTC battery	Yes
button	power-on (AT & ATX)
power	12-36V
	Windows* 10 IOT Enterprise(64-bit) 2021 LTSC

OS Support	yocto 3.1 Ubuntu 22.04
Operating temperature	0-60 degree
STORAGE TEMPERATURE	-40°F ~ 176°F (-40°C ~ 80°C)
OPERATING HUMIDITY	0% ~ 90% relative humidity, non-condensing
Certification	CE, FCC Class A