

UPN-EDGE Pro2 Intel® Atom™ X6000E Series and Intel Pentium® and Celeron® N and J Series Processor (formerly Elkhart Lake)

Front View



Rear View



Features

- Intel® Atom™ X6000E Series and Intel Pentium® and Celeron® N and J Series Processor(formerly Elkhart Lake)
- Gigabit LAN x 2, USB 3.2 Gen 1 (Type A) x 2
- 12 VDC-in, 5A
- 40 pin GPIO x 1
- DP/eDP/HDMI x 1
- M.2 2230 E-key x 1
- M.2 2280 M-key x 1
- SATA3 x 1
- M.2 3042/3052 B-key x 1

Specifications

System	
CPU	Intel® Atom™ X6000E Series and Intel Pentium® and Celeron® N and J Series Processor(formerly Elkhart Lake)
Memory	4x IC LPDDR4
Graphics	Intel® Graphics, GEN 11
Storage	emmc 64G
Ethernet	Gbe x 2 via (1 x Intel.WGI210IT ,1 x Intel.I225-LM)
WIFI/BT	Optional
Audio	HDMI Audio x 1, DP Audio x 1
USB	On mainboard: USB3.1 Connector x 2 USB 3.1 TYPE C Connector x 1 for 1 ports (OTG support)
Expansion Slot	M.2 (2230 E Key) (1x PCIe1, 1x USB2.0) bottom x 1 M.2 2242/2280 B/M Key (1 x PCIe) bottom x 1 M.2 3042/3052 B/M Key (1xUSB3.0) top x 1
I/O Placements	
Power	12V-24V DC-in (Lockable plug)/ Phoenix connector (optional)
USB	USB3.1 Connector x 2 USB 3.1 TYPE C Connector x 1 for 1 ports (OTG support)
Display Port	HDMI x 1 DP x 1
Ethernet	Gb Ethernet (full speed) RJ-45 x 2
COM	RS422/RS232/RS485 x 1
Environment	
Power	12V (with +/- 5% tolerance)
Form Factor	—
Gross Weight	—
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Certification	CE, FCC
OS Support	Win 10/ 10 IoT Core, Linux: Ubuntu 18.04 and 20.04 Yocto 3.1