

Lepton FPD-Link III	
Part Number	NGX022
Jetson Module	NVIDIA Jetson Orin NX and Orin Nano
Camera Inputs	4x FPD-Link III Camera Inputs (Connector: Quad Micro COAX) Deserializers Embedded On Carrier Board
Ethernet	2x 10/100/1000BASE-T Uplink (1 Port From PCIe PHY Controller)
USB	4x USB 3.0 (Connector: USB Type-A) 1x USB 3.1 OTG (Type-C) 1x USB 3.0 + 2.0 Port to M.2 B-Key 1x USB 2.0 to M.2 E-Key
Display Output	1x HDMI 2.0 Type-A
Storage	1x NVMe (M.2 2280 M-KEY)
Expansion	1x WiFi Module (M.2 2230 E-KEY) 1x LTE Module (M.2 3042 B-KEY) w/ 2FF SIM Card Connector
Power	+9V to +36V
Input Power Connector	Mini-Fit Jr. 4-Pin locking connector Cable: CBG408
CAN	1x Isolated CAN FD (1Mbps max)
Misc. Interfaces	2x UART (1x Console, 1x 3.3V) 1x RS-485 2x I2C, 1x SPI, 2x PWM OUT, 4x GPIO (2x IN, 2x OUT) 2x 5V 2x 3.3V 2x Isolated Camera Trigger Input 9x GND
Operating Temperature	-40°C to +80°C (-40°F to +176°F)
Weight	127g
Dimensions	104mm x 110mm x 34mm (4.09" x 4.33" x 1.34")