



**LEOPARD**  
IMAGING

# LI-IMX530-10GigE-NL



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## TECHNICAL FEATURES

- Compatible with NVIDIA® Jetson AGX Orin™ / IGX Orin™ / Thor™ Developer Kit
- Lattice® CertusPro-NX FPGA
- Marvell® 10GB Ethernet PHY Transceiver
- Sensor: Sony Diagonal 19.3 mm CMOS Image color Sensor IMX530
- Resolution: 5328 (H) x 4608 (V) (active pixels)
- Lens: No included
- Lens Mount: C-mount
- Working Mode: Master mode
- Power Supply: External 12 VDC
- Power Consumption: TBD
- Operating temperature: TBD
- Storage temperature: TBD
- Weight: ~ 307 g
- Allows customization

## Applications

- Industrial AI
- Smart Manufacturing
- Robotics
- Barcode Scanning

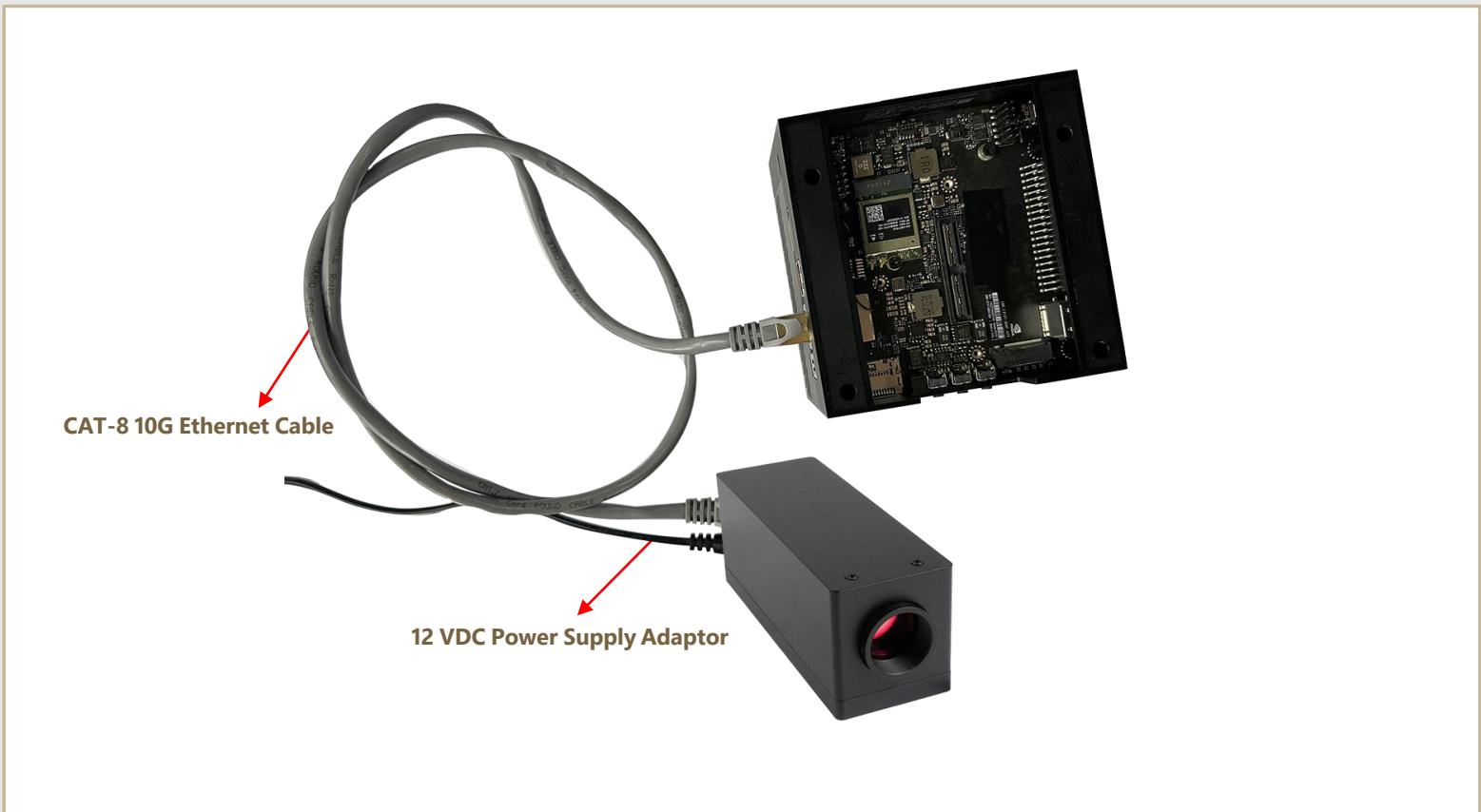


## BOM

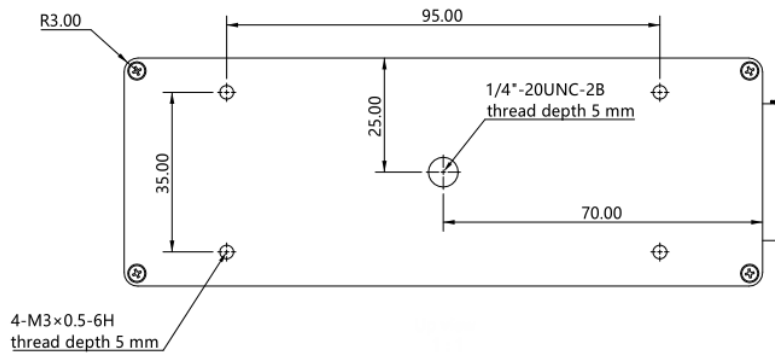
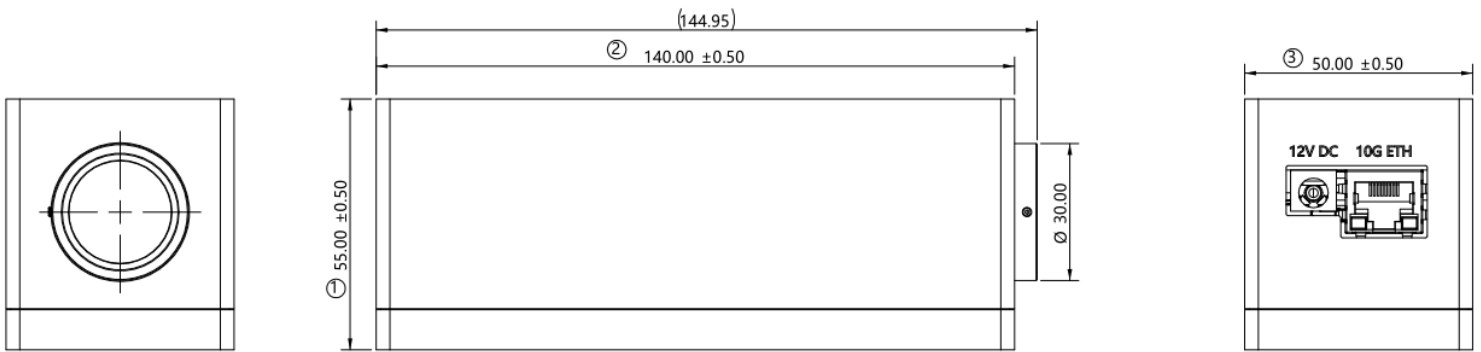
#	Items	QTY
1	LI-IMX530-10GigE-NL	1
2	CAT-8 10G Ethernet Cable	1
3	12 VDC Power Supply Adaptor	1

Nvidia® Jetson IGX Orin / AGX Orin™ / Thor Developer Kit is **NOT** included.

## Typical connection



# DIMENSIONS



**NOTE:**

- Other unmarked tolerances refer to the tolerance table.
- ⊗ marked are important sizes.
- All materials are compliant with RoHS requirements.
- Unit: mm

TOLERANCE TABLE					
LENGTH TOLERANCE		CHAMFER TOLERANCE		ANGLE TOLERANCE	
Size X	Tolerance	Size X	Tolerance	Size X	Tolerance
0.5 < X ≤ 3	±0.1	0.5 < X ≤ 3	±0.2	X ≤ 10	±1°
3 < X ≤ 6	±0.1	3 < X ≤ 6	±0.5	10 < X ≤ 50	±30'
6 < X ≤ 30	±0.2	6 < X ≤ 30	±1	50 < X ≤ 120	±20'
30 < X ≤ 120	±0.3	X > 30	±2	120 < X ≤ 400	±10'
120 < X ≤ 400	±0.5			X > 400	±5'
400 < X ≤ 1000	±0.8				
X > 1000	±1.2				

## ● RJ45 10GB Ethernet

- Part#: 7499811420
- Connector Type: RJ45
- Orientation: 90° Angle (Right)
- LED Color: Yellow, Green – Green
- Number of Cores per Jack: 8



## ● External 12 VDC Power Supply

- Part#: PJ-002A
- Number of Positions: 3
- Connector Type: Jack
- Inner Diameter: 2 mm
- Outer Diameter: 6.5 mm



- REVISION HISTORY

Revision	Description	Release Date
0.1	Initial draft.	30 Sep 2025
0.2	Updated Applications.	18 Jun 2026

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