

I10T-1530

Computing Vision IPC
w/ 11th Gen Intel® Core™ i Series CPU
(Codenamed Tiger Lake-UP3)



■ Features

- 11th Gen Intel® Core™ i CPU (Up to i7-1185GRE)
- 2x DDR4 2133/2400 SO-DIMM, Max. 64GB
- 6x PoE+, 2x Ethernet Ports, 2x COM Ports, 4x USB 3.0
- Intel® Iris® Xe Graphics, 2x HDMI, 8x DI & 4x DO
- 1x M.2 B-Key w/ Nano SIM For 5G, 1x M.2 E-Key For WiFi-6, 1x M.2 M-Key For PCIe Gen4 x4 NVMe SSD

■ Specifications

Processor System

CPU	11th Gen Intel® Core™ i (Up to i7-1185GRE), Codenamed TigerLake-UP3
Frequency	PBF1.80GHz, MaxTurbo to 4.4GHz
Core Number	4
BIOS	AMI 256Mbit SPI Flash BIOS
Chipset	N/A
Fanless	Yes

Memory

Technology	DDR4 3200 SO-DIMM
Max. Capacity	64 GB
Socket	2x 260-pin SO-DIMM

Graphic

Controller	Intel® Iris® Xe Graphics
HDMI	2

Audio

Codec	TSI 92HD73C
Interface	1x Mic-in, 1x Line-out

Ethernet

Controller	Intel i225IT/i226IT
Speed	2.5Gbps
Interface	2x 2.5Gbps RJ45, 6x GbE RJ45 For PoE+ (Total PoE Budget of 120W)

Storage

Type	1x mSATA+1x SATA+1x M.2 M-Key 2280
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Installation	1x mSATA+1x 2.5" SATA Drive Bay for SSD/HDD, 1x M.2 M-Key 2280 PCIe Gen4 x4 NVMe SSD
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I/O

Serial Port	2x RS232/422/485
Digital I/O	8x Isolated DI, 4x Isolated DO
USB 2.0	-
USB 3.0	4x Type A
Power-On/Reset Button	1x Power-On, 1x Reset Button
Remote Power Switch	1x 2-pin Remote Power Switch
LED	Power/Storage

Expansion Interface

Mini-PCIe	-
PCIe	-
M.2	1x B-Key 3042/3052 w/ 2x Nano-SIM (eSIM Reserved) For 5G 1x E-Key 2230 For WiFi-6 1x M-Key 2280 For PCIe Gen4 x4 NVMe SSD

Watchdog Timer

Watchdog Timer 1~255 Level Time Interval System Reset, Software Programmable

Power

Power Type	ATX
Power Supply Voltage	+24Vdc Typically
Connector	1x 3-pin Terminal Block
Power Consumption (Idle)	TBC
Power Consumption (Full Load)	TBC

Environment

Operating Temperature	-40°C~55°C -40°C~70°C Burn-in Test Over 72Hrs
Storage Temperature	-40°C~70°C
Relative Humidity	10%~90% (Non-condensing)
Vibration	IEC 60068-2-64, 0.5Grms, random 5 ~500 Hz, 40 mins/axis

Mechanical

Dimension (W x H x D)	270 x 76 x 180 mm
Construction	Aluminum Extrusion & SGCC
Weight	TBC
Mounting	Wallmount, VESA

Driver Support

Microsoft Windows	-
Linux	Depending on Intel Driver Release

Certification

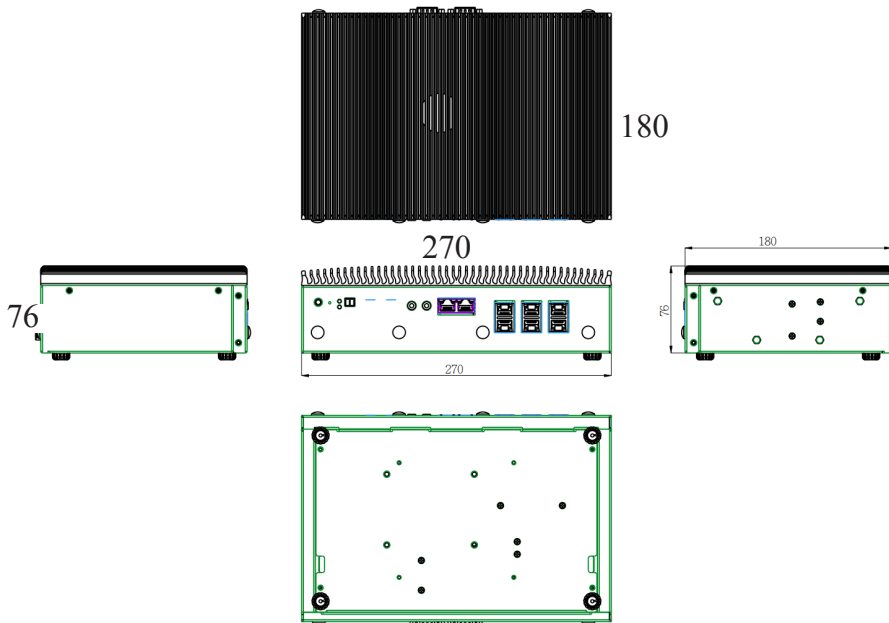
EMC	CE/FCC, Class A
Safety	-

■ Product I/O View



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|-----------------------|--------------------------|---------------------|
| A Power On/Off | E MIC-in/LINE-out | I COM x2 |
| B Reset | F 2.5GB LAN x2 | J HDMI x2 |
| C Status LED | G PoE+ x6 | K MIOs |
| D PS-ON | H DC-in | L USB 3.0 x4 |

■ Dimensions (W x H x D) 270 x 76 x 180 mm (10.6" x 3.0" x 7.1")



■ Ordering Information

IloT-I530A

11th Gen Intel Core i CPU (up to i7-1185GRE), 2x DDR4 3200/2933 SO-DIMM, 6x PoE+, 2x Ethernet ports, 2x COM ports, 1x M.2 NVMe, 4x USB 3.0, Intel Iris Xe Graphics, 2x HDMI, 8x DI & 4x DO, 1x M.2 B-Key w/ Nano SIM for 5G, 1x M.2 E-Key for WiFi-6

IloT-I530C

11th Gen Intel Core i CPU (up to i7-1185GRE), 2x DDR4 3200/2933 SO-DIMM, 6x LAN, 2x Ethernet ports, 2x COM ports, 1x M.2 NVMe, 4x USB 3.0, Intel Iris Xe Graphics, 2x HDMI, 8x DI & 4x DO, 1x M.2 B-Key w/ Nano SIM for 5G, 1x M.2 E-Key for WiFi-6

Optional Accessories

Type	Model No.	Description	Q'ty
RAM	020W000489000	SODIM DDR4 TS2GSH64V2E-I 16GB WT	1
	020W000490000	SODIM DDR4 TS4GSH64V2E-I 32GB WT	1
Storage 1	OTEW000615000	SSD TLC M.2/NGFF 256GB PCI-E 3.0 TS256GMTE652T-I TRANSCEND NVme SSD	1
Storage 2	OTEW000315000	mSATA 512GB SATA III	1
Storage 3	OTEW000305000	PHISON 2TB 2.5" SSD WT	1
	080W000371000	SATA Cable w/Power	1
5G Kits	PSF9775-001	MV31-W 5G KIT IIOT-I530 FG	1
WiFi-6 Kits	PSF9776-001	WNFB-265AXI WIFI KIT IIOT-I530 FG	1
Wallmount	098W000004000	Wallmount Kits	1
AC Adapter	OP0W000067000	220W AC Adapter TR220MA240	

IIOT-I530

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