

Industrial PC i5 8500T

Datasheet

- 9th/8th Gen Intel® Celeron® / Pentium® & Core™ i3/i5/i7 Desktop Processors
- Dual SIM slots supports WWAN redundancy
- 4x RJ45 Gigabit Ethernet port (2x Supports 802.3at PoE+)
- 3x M.2 (B-Key/E-Key/M-Key; max. 512 GB)
- Supports Over/Under/Reverse voltage protection
- iSMART, iAMT (11.6), TPM (2.0)
- DDR4 RAM (max. 32 GB)



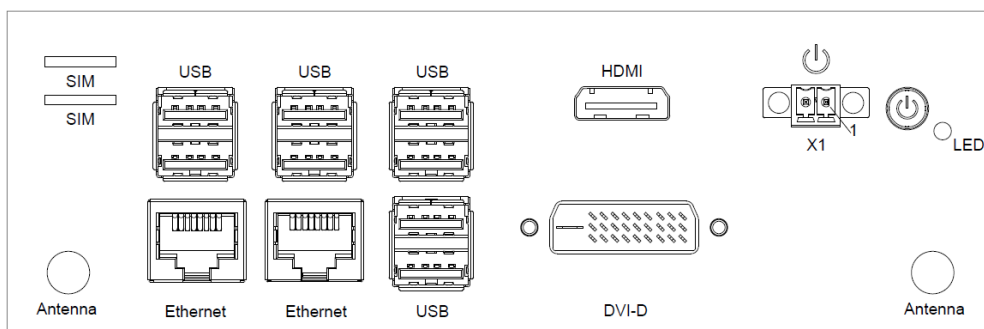
System

CPU	Intel® Core™ i5-8500T
Memory	8 GB DDR4
Storage	64 GB MLC SSD

Interfaces

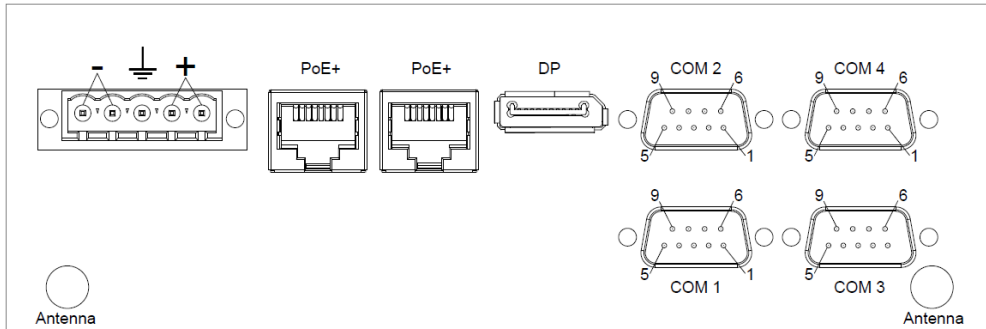
USB	8 x USB Host 3.1 (Type A)
Ethernet	2 x 1 Gbit Ethernet (RJ45) 2 x 1 Gbit Ethernet (RJ45 with PoE Injection 802.3at)
Communication	2 x RS-232 / RS-485 / RS-422 (Sub-D) (BIOS setting) (COM1, COM2) 2 x RS-232 (Sub-D) (COM3, COM4)
Video	1 x DVI-D 1 x HDMI 1 x Display Port 1.2
Antenna	4 x Antenna holes
SIM	2 x SIM card slot
LED	1 x HDD LED red
X1	1 x DINKLE EC350VM-XXP

INTERFACES



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COM Connector Pinning

PIN	RS-232	RS-422	RS-485
1	DCD	TX-	DATA-
2	RX	TX+	DATA+
3	TX	RX+	NC
4	DTR	RX-	NC
5	Ground	Ground	Ground
6	DSR	NC	NC
7	RTS	NC	NC
8	CTS	NC	NC
9	RI	NC	NC

X1 Connector Pinning

PIN	Signal
1	Power Button
2	Ground

Power Supply

Supply Voltage	18 - 24 VDC \pm 10 %
Power Consumption (max*)	up to 35 W
Power Button	Yes
Power Connector	DINKLE 5ESDVM-XXP
Fuse	10 A, time lag, non-exchangeable, Type: Littelfuse

*max. periphery consumption included (e.g. 1 x USB 2.0 equals 2.5 W)

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Mechanical & Environmental

Housing	Aluminium / Silver
Dimensions	285 x 210 x 71 [mm]
Weight	max. 4 kg
Cooling	Passive
Operating Temperature	-20 ~ 70 °C
Storage Temperature	-20 ~ 80 °C
Humidity	5 ~ 90 % @ 60 °C (non condensing)
Protection Class	IP40
Vibration	Operating: 3 Grms / 5 ~ 500 Hz
Shock	Operating: 20 G / 11 ms Non-operating: 40 G / 11 ms
Certification	CE, EN55032 Class A, FCC ClassA

Never cover the Industrial PC i5 8500T completely or build it in a small closed and unvented housing.

Detailed size information can be found in the technical drawing under the following link:

[Technical drawing Industrial PC](#)

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Ordering Information

Ordering-No.	
PA10008149	Industrial PC i5 8500T

Disclaimer

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Contact

Christ Electronic Systems GmbH
Alpenstraße 34
87700 Memmingen

Phone:
+49 8331 8371-0 (Main Office)
+49 8331 8371-500 (Service)

Mail:
info@christ-es.de

Homepage:
<https://www.christ-es.com>

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