

Industrial PC N3350 IIoT

Datasheet

- Made in Germany
- 24h/7d – Industrial Grade
- Fanless
- Long Term Availability

System

CPU	Intel® Core Celeron N3350 Dual Core 1.1 GHz
Graphic	Intel® HD Graphic 500
Memory	4 GB DDR3L / 8 GB DDR3L RAM
Storage	32 / 64 / 128 / 256 / 512 GB MLC SSD
BIOS	AMI Optio 5 BIOS
Wake on LAN	Yes
H/W Status Monitoring	Supports Power Supply Voltages and Temperature Monitoring
CMOS Battery	Lithium Battery (CR2450/610 mAh)
RTC	Very high accuracy temperature compensation (RV-8803-C7)
TPM	TPM 2.0 (SLB9670)
Watchdog	Yes
RAID	No
Operating System	Windows® 10 IIoT Enterprise LTSC Linux

Standard Interfaces

USB	2 x USB Host 3.0 (Type A)
Ethernet	2 x 1 GBit Ethernet (2 x Intel I211AT)
COM	1 x RS-232 / RS-422 / RS-485 (BIOS Setting)
Video	1 x DisplayPort 1.0

USV (Optional)

Energy Storage	400 Ws
Charge Duration	90 % in 45 seconds 100 % in 80 seconds
Discharge Duration	Nominal workload: TBD s
Rest Service	Configuration possible

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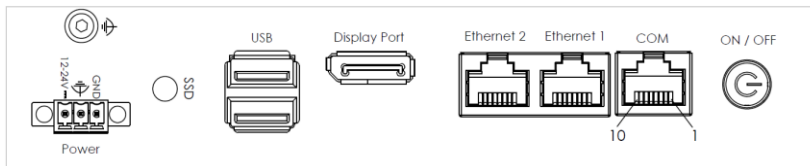
Datasheet

Power Supply

Supply Voltage	12 - 24 VDC \pm 20 %
Power Consumption (nom/max*)	TBD W
Power Button	Yes
Power Connector	Phoenix 3-pol MC 1,5/ 3-STF-3,5 BK (screwable)

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

INTERFACES



PIN	Signal Name			
	COM	RS-232	RS-422	RS-485
1	DSR	NC	NC	NC
2	Ground	Ground	Ground	Ground
3	Ground	Ground	Ground	Ground
4	TXD	RX+	NC	NC
5	RXD	TX+	Data+	Data+
6	DCD	TX-	Data-	Data-
7	DTR	RX-	NC	NC
8	CTS	NC	NC	NC
9	RTS	NC	NC	NC
10	RI	NC	NC	NC

Mechanical & Environmental

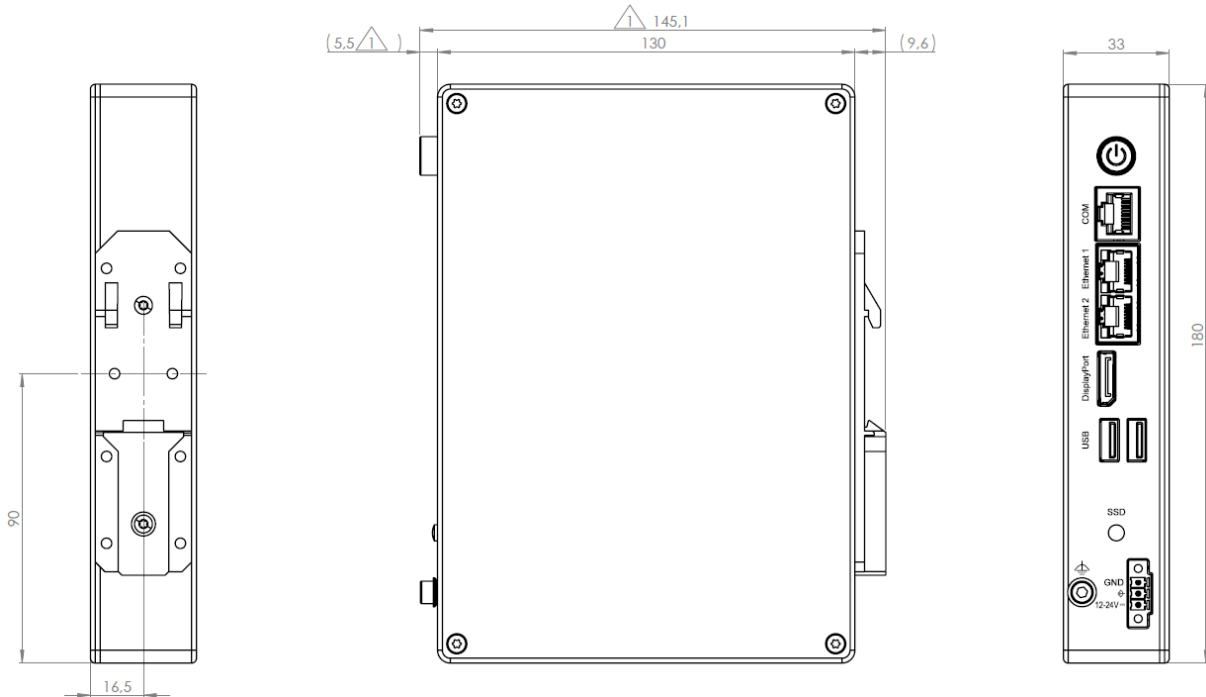
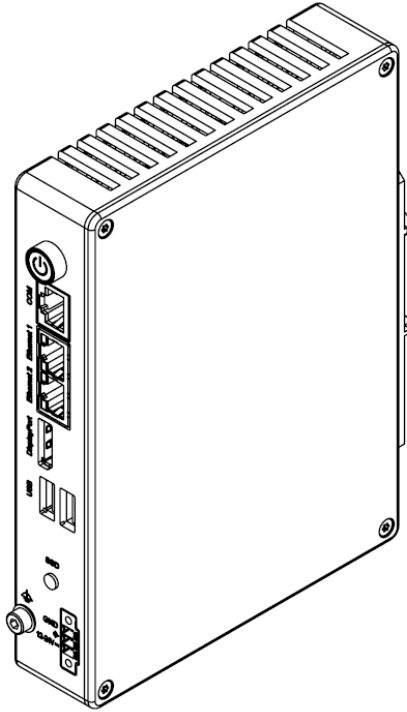
Housing	Aluminium / Silver
Dimensions	145.1 mm x 180.0 mm x 33 mm
Weight	0.7 kg
Cooling	Passive
Operating Temperature	0 ~ 50 °C
Storage Temperature	-10 ~ 70 °C
Humidity	5 ~ 80% (non condensing)
Protection Class	IP20
Certification	CE, EN55032 Class A, EN55024

Never cover the Industrial PC N3350 IIoT completely or build it in a small closed and unvented housing.

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Dimensions



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Ordering Information

Art. No.:	RAM		Storage					Optional USV	
	4 GB	8 GB	32 GB SSD	64 GB SSD	128 GB SSD	256 GB SSD	512 GB SSD	Yes	No
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