

# Industrial PC X7-3950 QC

## Datasheet

- Intel® Atom™ x7-E3950/x5-E3940/x5-E3930 & Pentium® N4200 / Celeron® N3350 Series Processors
- Over/Under/Reverse voltage protection
- Wide-range operating temperature from -40°C to 70°C
- 9V~36V DC wide-range power input
- Supports TPM2.0 (AGS102T Only)
- Supports DIN-rail mount & wall mount
- AGS102T: 4x RS232/422/485 serial ports; AGS102: 2x RS232/422/485 and 2x RS232 serial ports
- DDR3L RAM (max. 8GB)
- M.2 B3042 SSD (max. 512 GB)
- Rugged and fanless design



## System

<b>CPU</b>	Intel® Atom™ X7-E3950 QC
<b>Memory</b>	4 GB DDR3L
<b>Storage</b>	64 GB 3D TLC SSD

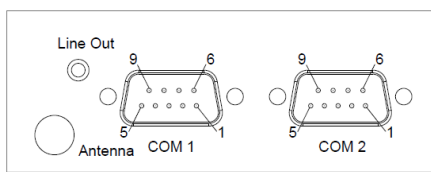
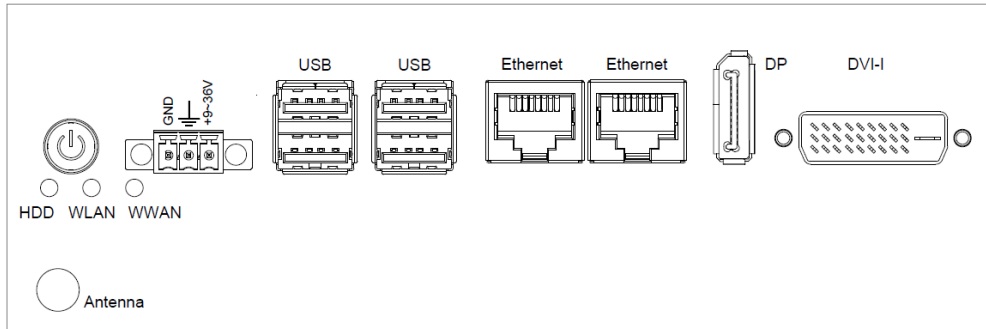
## Interfaces

<b>USB</b>	4 x USB Host 3.0 (Type A)
<b>Ethernet</b>	2 x 1 Gbit Ethernet (RJ45)
<b>Communication</b>	2 x RS-232 / RS-485 / RS-422 (Sub-D) (BIOS Setting)
<b>Video</b>	1 x DVI-I 1 x Display Port
<b>Sound</b>	1 x Line-out
<b>Antenna</b>	2 x Antenna hole for WLAN module
<b>SIM</b>	1 x SIM card slot
<b>LED</b>	3 x LED (HDD, WLAN, WWAN)

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### INTERFACES



#### 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

### Power Supply

<b>Supply Voltage</b>	9 - 36 VDC
<b>Power Consumption (max*)</b>	up to 30 W
<b>Power Button</b>	Yes
<b>Power Connector</b>	Phoenix 3-pol MC 1,5/ 3-STF-3,5 BK (screwable)
<b>Fuse</b>	10 A, time lag, non-exchangerable, Type: Littelfuse

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

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### Mechanical & Environmental

<b>Housing</b>	Aluminium / Silver
<b>Dimensions</b>	160 x 110 x 44 [mm]
<b>Weight</b>	max. 1 kg
<b>Cooling</b>	Passive
<b>Operating Temperature</b>	-40 ~ 70 °C
<b>Storage Temperature</b>	-20 ~ 80 °C
<b>Humidity</b>	5 ~ 90 % @ 60 °C (non condensing)
<b>Protection Class</b>	IP40
<b>Vibration</b>	Operating: 3 Grms / 5 ~ 500 Hz
<b>Shock</b>	Operating: 20 G / 11 ms Non-operating: 40 G / 11 ms
<b>Certification</b>	CE, EN55032 Class A, FCC ClassA

Never cover the Industrial PC X7-3950 QC completely or build it in a small closed and unvented housing.

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## Ordering Information

Ordering-No.	
PA10008153	Industrial PC X7-3950 QC

### Disclaimer

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