

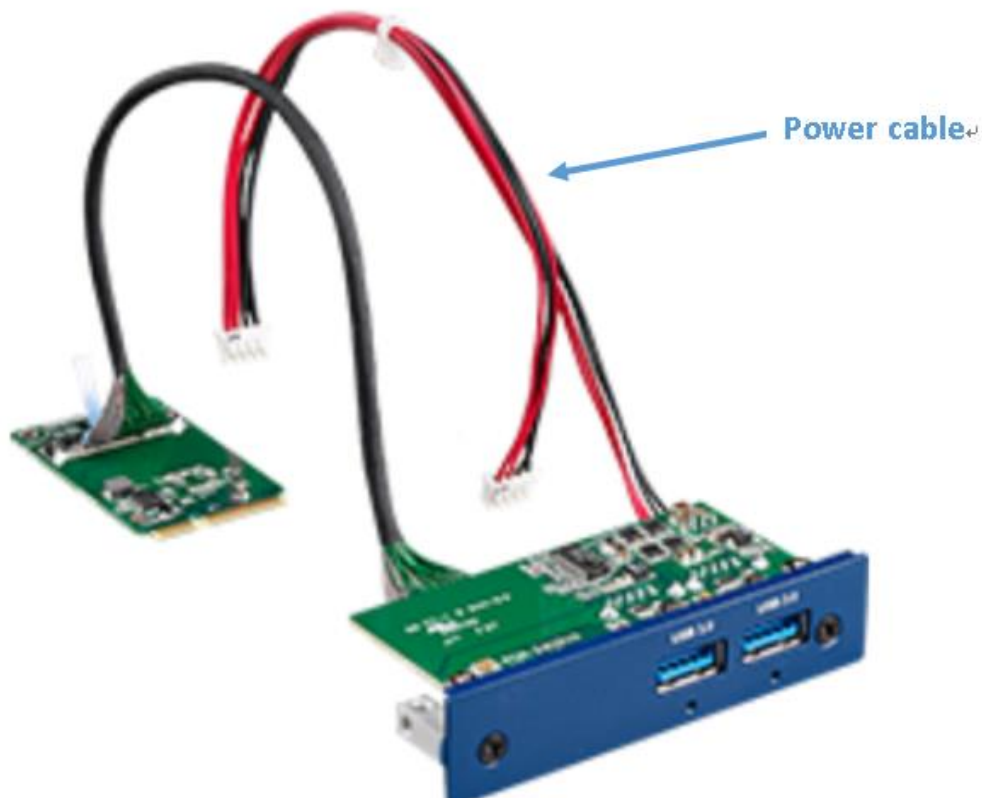
## Advantech AE Technical Share Document

<b>Date</b>	2020 / 06 / 17	<b>Release Note</b>	<input type="checkbox"/> Internal <input checked="" type="checkbox"/> External
<b>Category</b>	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP	<b>Related OS</b>	N/A
<b>Abstract</b>	How to connect the power cable of PCM-24U3 to TPC-xx51 series		
<b>Keyword</b>	PCM-24U2U3 / TPC-xx51T / TPC-1x51WP / idoor / power cable		
<b>Related Product</b>	TPC-xx51-E3AE/E3BE, TPC-1x51WP-E3AE, PCM-24U2U3		

### ■ Problem Description:

For PCM-24U2U3 it requires additional power to work. So it is important to connect the idoor power cable to the right connector of M/B. Since TPC-1x51 series have E3AE and E3BE version, the different version provide different connector for idoor power cable.

PCM-24U2U3



**Brief Solution:****Version A****TPC-1x51-E3AE (Resistive Touch Screen)**

Since the connector on TPC-1x51-E3AE is 5 pin and the connector on idoor is 4 pin, it requires to order a 4pin to 5 pin cable to replace the original idoor power cable.

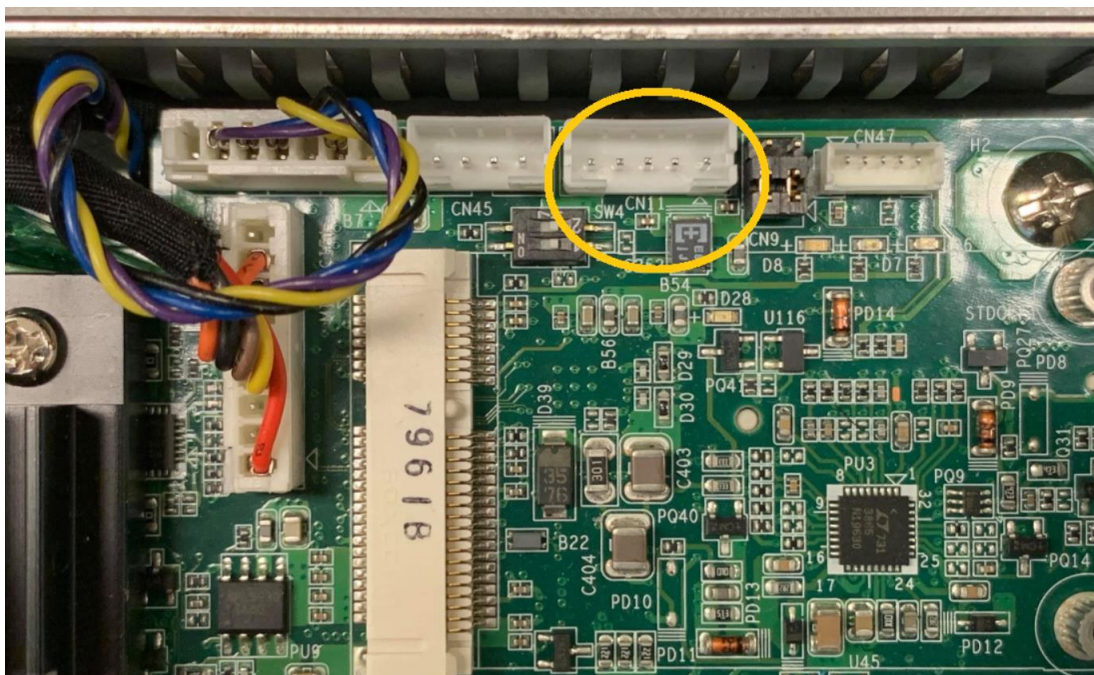
P/N: 1700023725-01.

Then connect the 1700023725-01 to CN 11 of M/B

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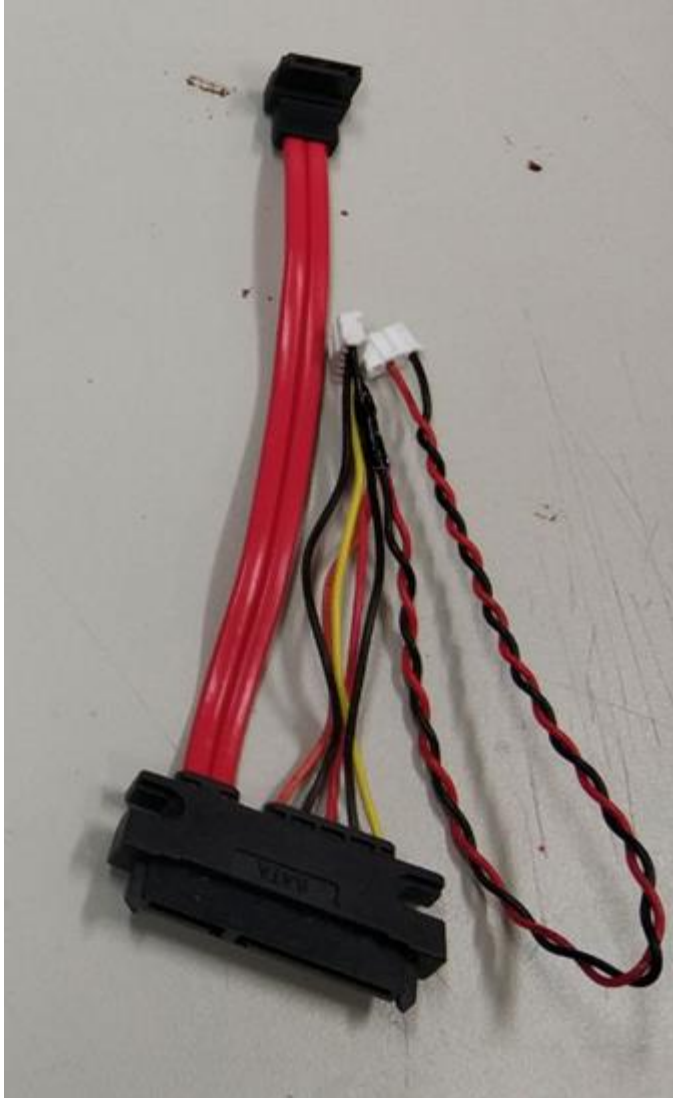
CN11



**Version A****TPC-1x51WP-E3AE (Capacitive Touch Screen)**

Since the CN11 connector of TPC-1x51WP-E3AE has been used, there is no connector for idol power. Please order an additional SATA cable and connect it to odor.

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**Version B****TPC-1x51-E3BE**

There is no necessary to order an additional cable, just connect the original idoor power cable to CN24 connector.

