

ASRockind Technical Reference - Q&A

Question	How to connect the AI-OOB-LITE Kit to the motherboard?
Release date	2026/9/1
Product	NUC-325H, NUC-358H, NUC-N97(D5), SBC-377E, SBC-377P, SBC-375P, SBC-375M, SBC-264, IMB-1249-WV, IMB-1248-WV, IMB-1247, IMB-1246, IMB-1317, IMB-X1317, IMB-X1317-10G, IMB-1715, IMB-X1715, IMB-X1715-10G, IMB-1012, IMB-A1003, IMB-A1302, IMB-A395, NUC-N97(D4), NUC-125H R2, NUC-155H R2, SBC-370P, SBC-370M, SBC-370V, SBC-371P, SBC-371M, IMB-A8000P, IMB-A8000S, IMB-A8000M, IMB-A8000V, IMB-1714, IMB-X1714, IMB-1245P-WV, IMB-1245M-WV, SBC-261J, IMB-1250P-WV, IMB-1250M-WV, IMB-1240-WV, IMB-X1240-WV, IMB-A1002
FAQ type	☐ Specification ☐ OS & Driver ☒ Application ☒ BIOS ☐ Others

Answer:

Due to variations in hardware design, motherboards may supply +5VSB power to the AI-OOB-LITE Kit in different ways.

Please refer to the table below to confirm the correct connection method for your specific MB model.

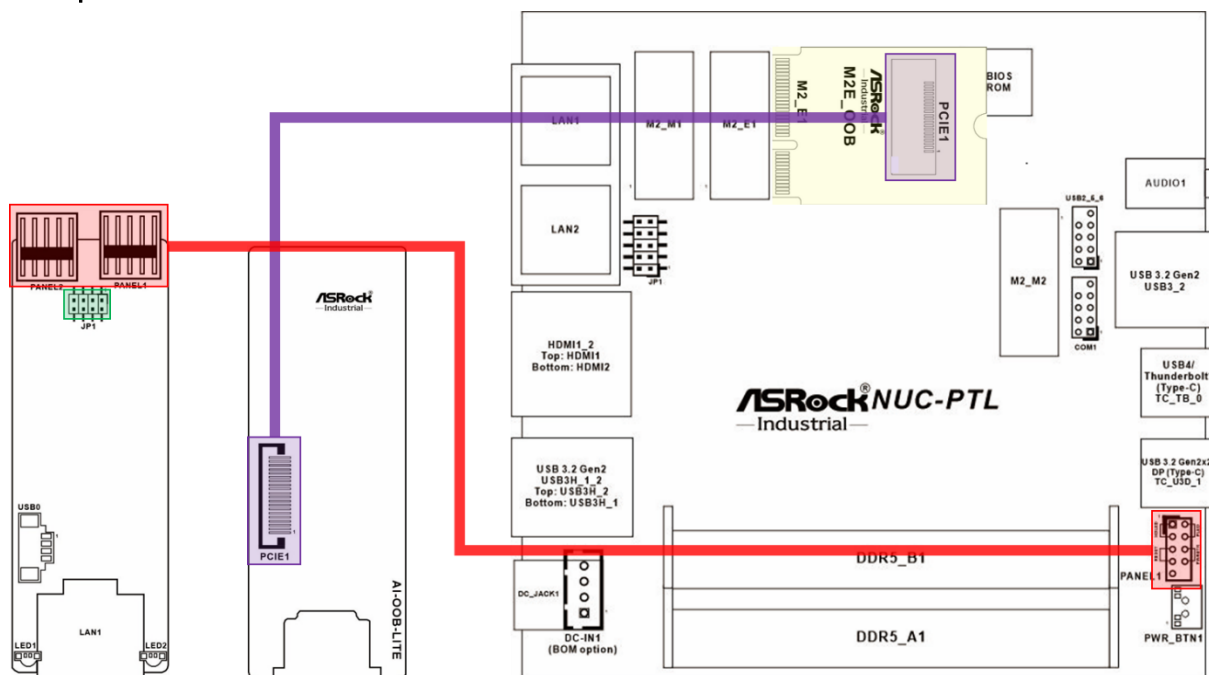
Supply +5VSB power	Model
From System Panel Header (PANEL1)	NUC-325H, NUC-358H, NUC-N97(D5), SBC-377E, SBC-377P, SBC-375P, SBC-375M, SBC-264, IMB-1249-WV, IMB-1248-WV, IMB-1247, IMB-1246, IMB-1317, IMB-X1317, IMB-X1317-10G, IMB-1715, IMB-X1715, IMB-X1715-10G, IMB-1012, IMB-A1003, IMB-A1302, IMB-A395
From USB 2.0 Header (2.00 mm)	NUC-N97(D4), NUC-125H R2, NUC-155H R2, SBC-370P, SBC-370M, SBC-370V, SBC-371P, SBC-371M, IMB-A8000P, IMB-A8000S, IMB-A8000M, IMB-A8000V,
From USB 2.0 Header (2.54 mm)	IMB-1714, IMB-X1714
From HEATER1 Header (HEATER1)	IMB-1245P-WV, IMB-1245M-WV, SBC-261J, IMB-1250P-WV, IMB-1250M-WV, IMB-1240-WV, IMB-X1240-WV, IMB-A1002

Connect method:

1. PWR from System Panel header:

AI-OOB-LITE Kit	Description
JP1	Set at Pin1-3
PANEL1/PANEL2	Connect to the Panel header on the motherboard based on the connector size
PCIE1	Connect to the PCIE connector on M2E-OOB

Example:

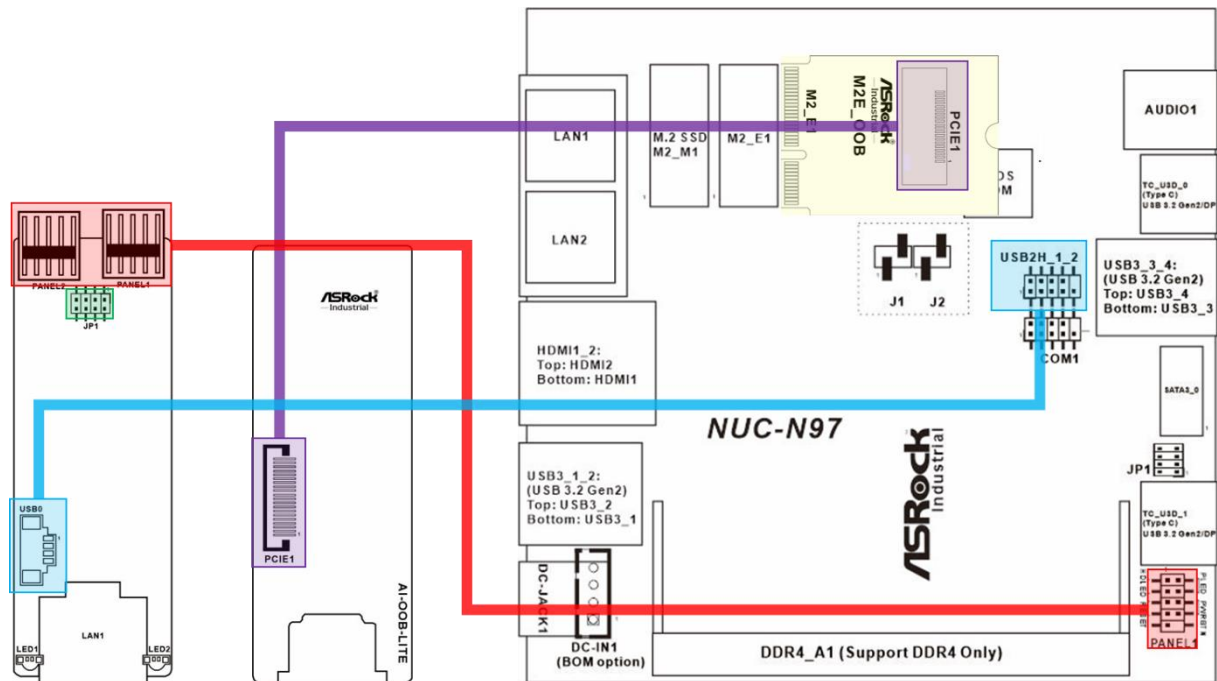


2. PWR from USB 2.0 Header (2.00 mm):

Note: PWR from USB header needs **SPECIAL BIOS** support, please contact Technical Support.

AI-OOB-LITE Kit	Description
JP1	Set at Pin3-5
PANEL1/PANEL2	Connect to the Panel header on the motherboard based on the connector size
PCIE1	Connect to the PCIE connector on M2E-OOB
USB0	Connect to the USB 2.0 Header on the motherboard

Example:

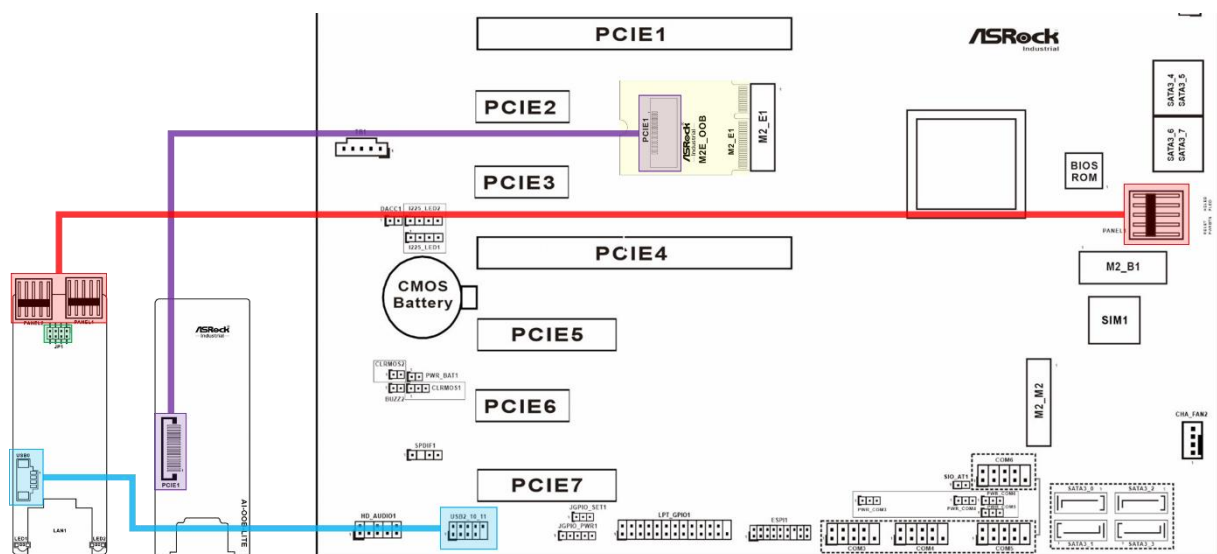


3. PWR from USB 2.0 Header (2.54 mm):

Note: PWR from USB header needs **SPECIAL BIOS** support, please contact TSD for further support.

AI-OOB-LITE Kit	Description
JP1	Set at Pin3-5
PANEL1/PANEL2	Connect to the Panel header on the motherboard based on the connector size
PCIE1	Connect to the PCIE connector on M2E-OOB
USB0	Connect to the USB 2.0 Header on the motherboard

Example:



4. PWR from HEATER1 Header (HEATER1):

Note: PWR from HTR header needs **SPECIAL BIOS** support, please contact Technical support.

AI-OOB-LITE Kit	Description
JP1	Set at Pin3-5
PANEL1/PANEL2	Connect to the Panel header on the motherboard based on the connector size
PCIE1	Connect to the PCIE connector on M2E-OOB
USB0	Connect to the Heater header on the motherboard

Example:

