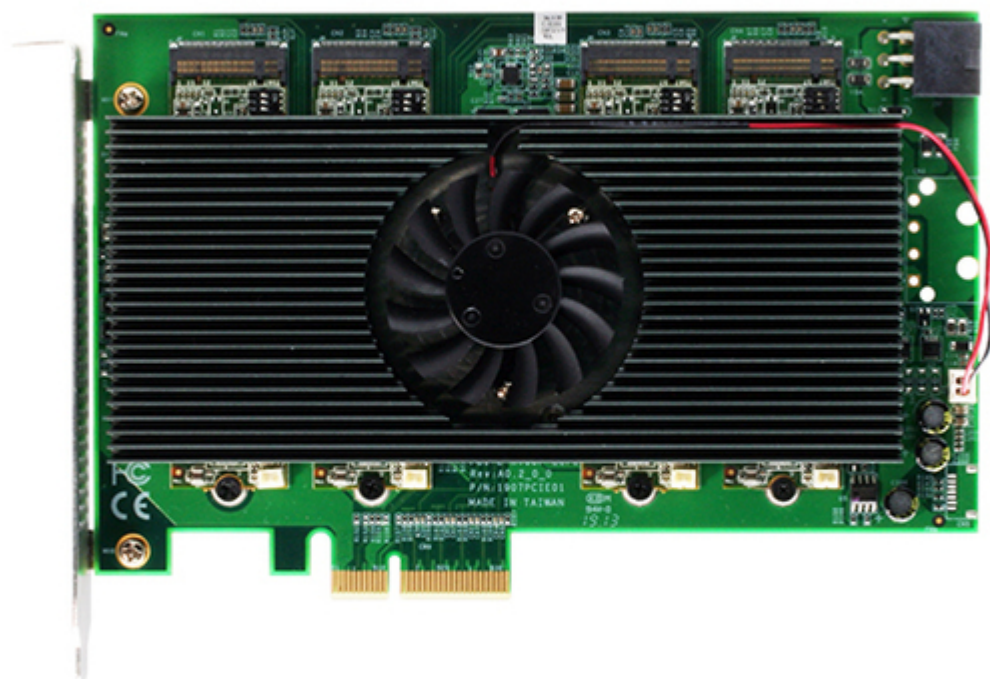




Asus AAEON Myriad UP AI Core X Series Quick Installation Manual

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2. Connector References Connector Index Reference Functional Connector Type Designation
Description (TF)M.2 KeyM Slot.H=3.2mm.conn.75P.90D(F).BLACK.SMD.FOXCONN.AS0BC21- M.2
Key M S30BM-7H (TF)M.2 KeyM
Slot.H=3.2mm.conn.75P.90D(F).BLACK.SMD.FOXCONN.AS0BC21- M.2 Key M S30BM-7H (TF)M.2
KeyM Slot.H=3.2mm.conn.75P.90D(F).BLACK.SMD.FOXCONN.AS0BC21- M.2 Key M S30BM-7H
(TF)M.2 KeyM Slot.H=3.2mm.conn.75P.90D(F).BLACK.SMD.FOXCONN.AS0BC21- M.2 Key M
S30BM-7H FAN Power (TF)WAFER BOX.2P.180D(M).DIP.2.0mm.w/LOCK.PINREX.721-81-02TW00
4P Power Supply (TF)HOUSING.4P.90D.(M).DIP.5.08mm.W/LOCK.□□.5082-WR...

[Page 6](#) 3. Connector Pin Assignments CN1: M.2 Key M Signal Description Signal Description
Signal Description +3.3V_NGFF4 +3.3V_NGFF4 +3.3V_NGFF4 +3.3V_NGFF4 +3.3V_NGFF4
+3.3V_NGFF4 DEVSLP_4 DPE_RXN11_R DPE_RXP11_R DPE_TXN11_C DPE_TXP11_C DPE_RSTN
DPE_CLKREQN5 DPE_CLKN5_R PCIE_WAKE# DPE_CLKP5_R Key M Key M Key M Key M Key M Key
M Key M Key M...

[Page 7](#) CN2: M.2 Key M Signal Description Signal Description Signal Description +3.3V_NGFF3
+3.3V_NGFF3 +3.3V_NGFF3 +3.3V_NGFF3 +3.3V_NGFF3 +3.3V_NGFF3 DEVSLP_3
DPE_RXN10_R DPE_RXP10_R DPE_TXN10_C DPE_TXP10_C DPE_RSTN DPE_CLKREQN4
DPE_CLKN4_R PCIE_WAKE# DPE_CLKP4_R Key M Key M Key M Key M Key M Key M Key M
TP49 +3.3V_NGFF3...

[Page 8](#) CN3: M.2 Key M Signal Description Signal Description Signal Description +3.3V_NGFF2
+3.3V_NGFF2 +3.3V_NGFF2 +3.3V_NGFF2 +3.3V_NGFF2 +3.3V_NGFF2 DPE_RXN9_R
DPE_RXP9_R DPE_TXN9_C DPE_TXP9_C DEVSLP_2 DPE_RXN8_R DPE_RXP8_R DPE_TXN8_C
DPE_TXP8_C DPE_RSTN DPE_CLKREQN3 DPE_CLKN3_R PCIE_WAKE# DPE_CLKP3_R Key M Key M
Key M Key M Key M Key M Key M Key M...

[Page 9](#) CN4: M.2 Key M Signal Description Signal Description Signal Description +3.3V_NGFF1
+3.3V_NGFF1 +3.3V_NGFF1 +3.3V_NGFF1 +3.3V_NGFF1 +3.3V_NGFF1 DEVSLP_1 DPE_RXN0_R
DPE_RXP0_R DPE_TXN0_C DPE_TXP0_C DPE_RSTN DPE_CLKREQN0 DPE_CLKN0_R PCIE_WAKE#
DPE_CLKP0_R Key M Key M Key M Key M Key M Key M Key M Key M Key M TP49 +3.3V_NGFF1...

[Page 10](#) CN5: FAN Power Signal Description Signal Description +12V CN6: 4P Power
Supply(Optional) Signal Description Signal Description +ATX_12V CN7: PCI-E Power Supply Signal
Description Signal Description +ATX_12V +ATX_12V +ATX_12V Note: CN7 is powered by PCIE,
not EPS/ATX; Do not confuse with CPU Power 10 of 11...

[Page 11](#) CN7: PCI-E x4 Gold Finger Signal Description Signal Description PRSNT +PCIE_12V
+PCIE_12V +PCIE_12V +PCIE_12V SMB_CLK_R SMB_DATA_R +V3.3_PCIE +V3.3_PCIE
+V3.3_PCIE +3.3VAUX PLT_RST# PCIE_Wake# RSVD PCIESLOT_CLK PCIESLOT_CLK# CPETP0
CPETN0 CPERP0 CPERN0 PRSNT2 CPETP1 CPETN1 CPERP1 CPERN1 CPETP2 CPETN2 CPERP2
CPERN2 CPETP3 CPETN3 CPERP3 CPERN3...

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