

Model Name	TPM Support
A68HM-K	20-1 header only (tested with 90-C1B0AU* TPM/FW3.19)
B365M-BASALT	14-1 layout reserved only (supports LPC interface)
B365M-KYLIN	14-1 layout reserved only (supports LPC interface)
B450M-DRAGON	14-1 layout reserved only (supports LPC interface)
B460M-BASALT	None (Only supports firmware TPM)
B460M-KYLIN	None (Only supports firmware TPM)
B460M-N	None (Only supports firmware TPM)
B460M-P	None (Only supports firmware TPM)
B560M-N	None (Only supports firmware TPM)
B560M-P	None (Only supports firmware TPM)
B560M-T	None (Only supports firmware TPM)
CSM PRO-A3	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
CSM PRO-E1 R2.0	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
CSM PRO-E3 R2.0	None (Only supports firmware TPM)
EX-A320M-GAMING	14-1 header only (tested with 90MC0370* TPM-M)
EX-B365M-V	None (Only supports firmware TPM)
EX-B365M-V5	None (Only supports firmware TPM)
EX-B460M-V5	None (Only supports firmware TPM)
EX-B560M-V5	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
EX-H310M-V3 R2.0	None (Only supports firmware TPM)
EX-H410M-V3	None (Only supports firmware TPM)
EX-H510M-V3	None (Only supports firmware TPM)
H110I-PLUS	14-1 header only (tested with 90MC0370* TPM-M)
H110M-C	14-1 header only (tested with 90MC0370* TPM-M)
H110M-CS	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
H110M-F	14-1 layout reserved only (supports LPC interface)
H110M-K	14-1 header only (tested with 90MC0370* TPM-M)
H110M-R	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
H310S R2.0	None (Only supports firmware TPM)
H81M-CS	20-1 header only (tested with 90-C1B0AU* TPM/FW3.19)
H81M-CS	20-1 header only (tested with 90-C1B0AU* TPM/FW3.19)
H81M-K	20-1 layout reserved only (supports LPC interface)
J1800I-C	20-1 header only (tested with 90-C1B0AU* TPM/FW3.19)
J1900I-C	20-1 header only (tested with 90-C1B0AU* TPM/FW3.19)
M5A78L-M LX3	None (Only supports firmware TPM)
M5A78L-M LX3 PLUS	None (Only supports firmware TPM)
PRIME A320I-K	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
PRIME A320M-A	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
PRIME A320M-C R2.0	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
PRIME A320M-E	14-1 layout reserved only (supports LPC interface)
PRIME A320M-F	None (Only supports firmware TPM)
PRIME A320M-K	14-1 layout reserved only (supports LPC interface)
PRIME A320M-R	None (Only supports firmware TPM)
PRIME A520M-A	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME A520M-A II	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME A520M-E	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME A520M-K	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B365M-A	14-1 header only (tested with 90MC0370* TPM-M)
PRIME B365M-C	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B365M-K	14-1 layout reserved only (supports LPC interface)
PRIME B450M-A	14-1 header only (tested with 90MC0370* TPM-M)
PRIME B450M-A II	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B450M-K II	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B450-PLUS	14-1 layout reserved only (supports LPC interface)
PRIME B460I-PLUS	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B460M-A	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B460M-A R2.0	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)

PRIME B460M-K	None (Only supports firmware TPM)
PRIME B460-PLUS	None (Only supports firmware TPM)
PRIME B550M-A	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B550M-A (WI-FI)	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B550M-A AC	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B550M-K	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B550-PLUS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B560M-A	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B560M-A AC	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B560M-K	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME B560-PLUS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H310I-PLUS R2.0	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
PRIME H310M-AT R2.0	None (Only supports firmware TPM)
PRIME H310M-C R2.0	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
PRIME H310M-CS R2.0	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
PRIME H310M-E R2.0	None (Only supports firmware TPM)
PRIME H310M-F R2.0	None (Only supports firmware TPM)
PRIME H310M-K R2.0	None (Only supports firmware TPM)
PRIME H310M-R R2.0	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
PRIME H310-PLUS R2.0	14-1 layout reserved only (supports LPC interface)
PRIME H310T R2.0	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
PRIME H310T2 R2.0	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
PRIME H410I-PLUS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H410M-A	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H410M-CS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H410M-D	None (Only supports firmware TPM)
PRIME H410M-E	None (Only supports firmware TPM)
PRIME H410M-F	None (Only supports firmware TPM)
PRIME H410M-K	None (Only supports firmware TPM)
PRIME H410M-K R2.0	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H410M-R	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H410T2/CSM	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H510M-A	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H510M-A WIFI	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H510M-D	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H510M-E	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H510M-F	None (Only supports firmware TPM)
PRIME H510M-K	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H510M-R	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H510T2/CSM	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H570M-PLUS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME H570-PLUS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME J4005I-C	None (Only supports firmware TPM)
PRIME Q270M-C	TPM IC on board
PRIME Q370M-C	TPM IC on board
PRIME TRX40-PRO S	None (Only supports firmware TPM)
PRIME X299-A II	None (Only supports firmware TPM)
PRIME X570-P	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME X570-PRO	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME Z390M-PLUS	None (Only supports firmware TPM)
PRIME Z390-P	14-1 layout reserved only (supports LPC interface)
PRIME Z490-P	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME Z590-A	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME Z590M-PLUS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME Z590-P	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME Z590-P WIFI	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRIME Z590-V	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
PRO A320M-R WI-FI	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
Pro A520M-C II/CSM	TPM IC on board

Pro A520M-C/CSM	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
Pro B460M-C/CSM	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
Pro B550M-C/CSM	TPM IC on board
Pro B560M-C/CSM	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
Pro B560M-CT/CSM	TPM IC on board
Pro H410M-C/CSM	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
Pro H410M-C2/CSM	TPM IC on board
Pro H410T/CSM	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
Pro H510M-C/CSM	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
Pro H510M-CT/CSM	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
Pro Q470M-C/CSM	TPM IC on board
Pro Q470M-CP	None (Only supports firmware TPM)
Pro Q570M-C/CSM	TPM IC on board
Pro WS C621-64L SAGE	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
Pro WS C621-64L SAGE/10G	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
Pro WS W480-ACE	None (Only supports firmware TPM)
Pro WS WRX80E-SAGE SE WIFI	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
Pro WS X299 SAGE II	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
Pro WS X570-ACE	None (Only supports firmware TPM)
ProArt B550-CREATOR	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ProArt Z490-CREATOR 10G	None (Only supports firmware TPM)
Q170M2/CDM/SI R2.0	TPM IC on board
Q370M2/CDM	TPM IC on board
ROG CROSSHAIR VIII DARK HERO	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG CROSSHAIR VIII FORMULA	None (Only supports firmware TPM)
ROG CROSSHAIR VIII HERO	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG CROSSHAIR VIII HERO(WI-FI)	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG CROSSHAIR VIII IMPACT	None (Only supports firmware TPM)
ROG MAXIMUS XIII EXTREME	None (Only supports firmware TPM)
ROG MAXIMUS XIII HERO	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX B450-F GAMING II	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
ROG STRIX B460-F GAMING	None (Only supports firmware TPM)
ROG STRIX B460-I GAMING	None (Only supports firmware TPM)
ROG STRIX B550-A GAMING	None (Only supports firmware TPM)
ROG STRIX B550-E GAMING	None (Only supports firmware TPM)
ROG STRIX B550-F GAMING	None (Only supports firmware TPM)
ROG STRIX B550-F GAMING (WI-FI)	None (Only supports firmware TPM)
ROG STRIX B550-I GAMING	None (Only supports firmware TPM)
ROG STRIX B550-XE GAMING WIFI	None (Only supports firmware TPM)
ROG STRIX B560-A GAMING WIFI	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX B560-E GAMING WIFI	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX B560-F GAMING WIFI	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX B560-G GAMING WIFI	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX B560-I GAMING WIFI	None (Only supports firmware TPM)
ROG STRIX TRX40-XE GAMING	20-1 header only (tested with 90MC0410* TPM-L R2.0)
ROG STRIX X299-E GAMING II	None (Only supports firmware TPM)
ROG STRIX X570-E GAMING	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX X570-F GAMING	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX X570-I GAMING	None (Only supports firmware TPM)
ROG STRIX Z490-I GAMING	None (Only supports firmware TPM)
ROG STRIX Z590-A GAMING WIFI	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX Z590-E GAMING WIFI	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX Z590-F GAMING WIFI	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)
ROG STRIX Z590-I GAMING WIFI	None (Only supports firmware TPM)
ROG ZENITH II EXTREME ALPHA	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
STRIX X99 GAMING/RGB STRIP	14-1 header only (tested with 90MC0370* TPM-M)
TUF B365M-PLUS GAMING	None (Only supports firmware TPM)
TUF B450M-PRO GAMING	14-1 layout reserved only (supports LPC interface)
TUF GAMING A520M-PLUS	14-1 SPI_TPM header only (tested with 90MC07D0* TPM-SPI)

TUF GAMING A520M-PLUS II	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING A520M-PLUS WIFI	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B450M-PLUS II	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B450M-PRO II	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B450M-PRO S	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B450-PLUS II	14-1 layout reserved only (supports LPC interface)
TUF GAMING B460M-PLUS	14-1 layout reserved only (supports SPI interface)
TUF GAMING B460M-PLUS (WI-FI)	14-1 layout reserved only (supports SPI interface)
TUF GAMING B460M-PLUS AC	14-1 layout reserved only (supports SPI interface)
TUF GAMING B460M-PRO	14-1 layout reserved only (supports SPI interface)
TUF GAMING B460-PLUS	None (Only supports firmware TPM)
TUF GAMING B550M-E	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B550M-E WIFI	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B550M-PLUS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B550M-PLUS (WI-FI)	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B550M-ZAKU (WI-FI)	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B550-PLUS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B550-PLUS (WI-FI)	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B550-PRO	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING B560M-E	14-1 layout reserved only (supports SPI interface)
TUF GAMING B560M-PLUS	14-1 layout reserved only (supports SPI interface)
TUF GAMING B560M-PLUS WIFI	14-1 layout reserved only (supports SPI interface)
TUF GAMING B560-PLUS WIFI	None (Only supports firmware TPM)
TUF GAMING H570-PRO	14-1 layout reserved only (supports SPI interface)
TUF GAMING H570-PRO WIFI	14-1 layout reserved only (supports SPI interface)
TUF GAMING X570-PLUS	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING X570-PLUS (WI-FI)	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING X570-PRO (WI-FI)	14-1 SPI TPM header only (tested with 90MC07D0* TPM-SPI)
TUF GAMING Z590-PLUS	14-1 layout reserved only (supports SPI interface)
TUF GAMING Z590-PLUS WIFI	14-1 layout reserved only (supports SPI interface)
TUF Z390-PLUS GAMING (WI-FI)	14-1 layout reserved only (supports LPC interface)
WS C246 PRO	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS C246M PRO	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS C246M PRO/SE	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS C422 PRO/SE	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS C422 SAGE/10G	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS C621E SAGE	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS C621E SAGE(BMC)	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS X299 PRO	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS X299 PRO/SE	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS X299 SAGE	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS X299 SAGE/10G	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
WS Z390 PRO	14-1 header only (tested with 90MC03W0* TPM-M R2.0)
Z590 WIFI GUNDAM EDITION	14-1 layout reserved only (supports SPI interface)