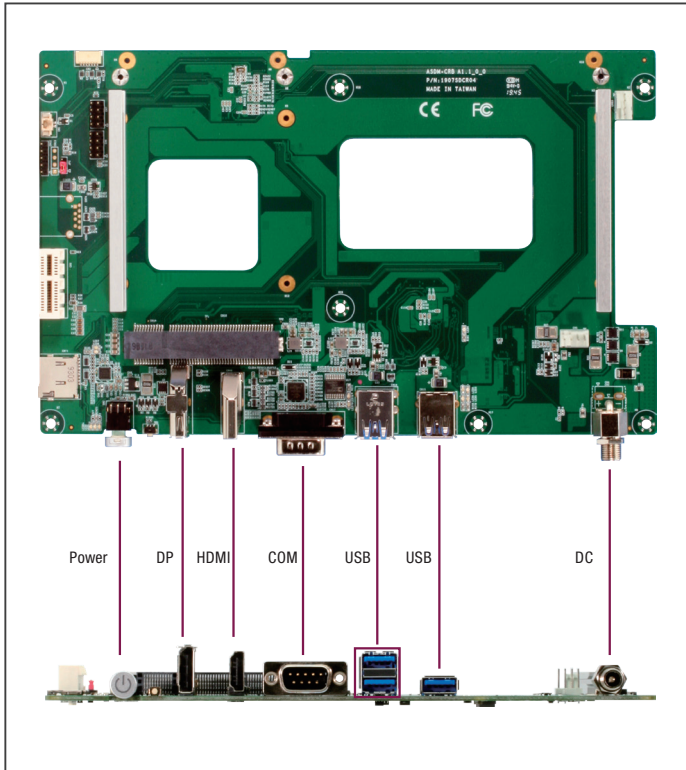


# ASDM-CRB-A12

Carrier Board for Intel® Smart Display Module Rev.2.0



## Features

- SDM peripheral interface board
- PCIe [x1] x 1
- HDMI x 1, DP x 1
- USB 3.2 Gen 1 x 3
- RS232 x 1 (TX/RX ONLY)
- Micro SD 3.0 x 1
- 12V power input



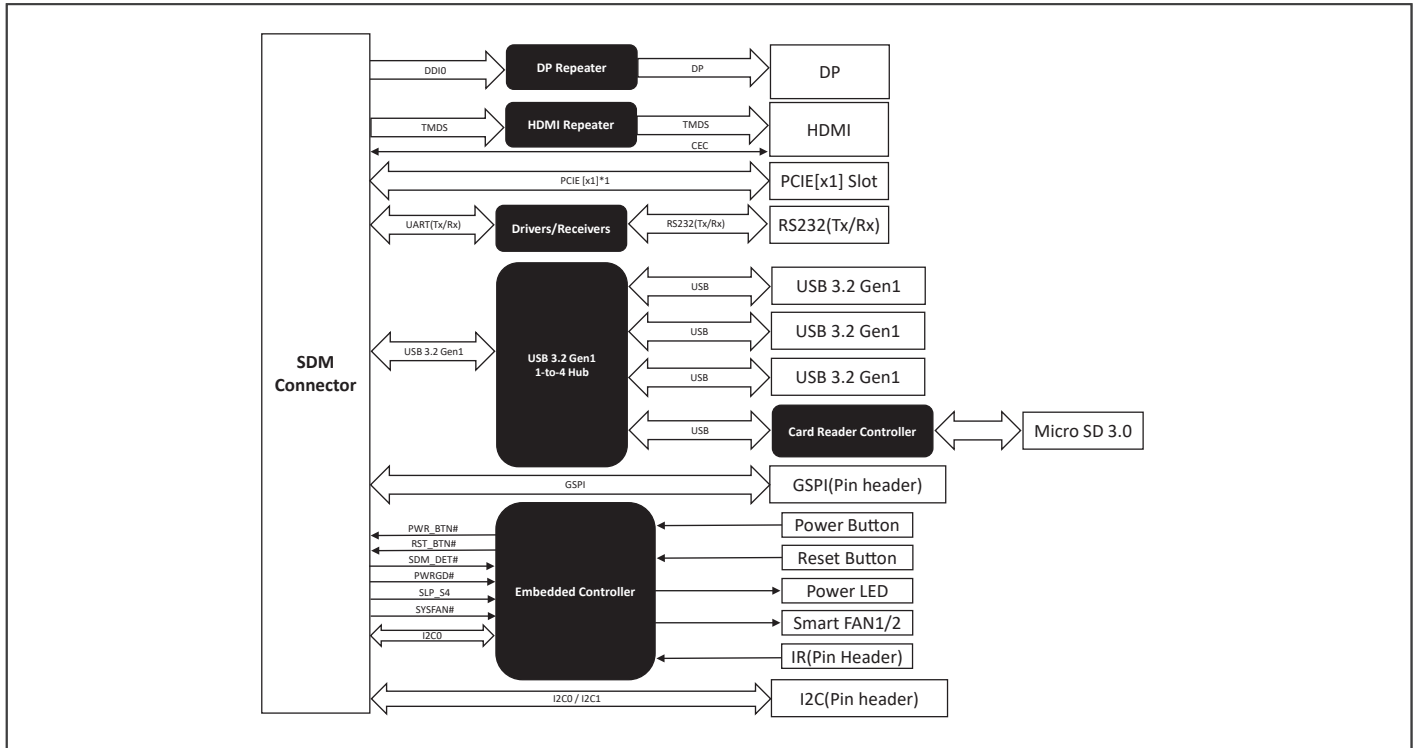
## Specifications

System	
Form Factor	AAEON SDM carrier board
Power Supply Type	AT (ATX is option)
Dimension (L x W x H)	5.51" x 8.86" (140 mm x 225 mm)
Operating Temperature	32°F ~ 131°F (0°C ~ 55°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	TBD
Certification	—
Display	
Display Interface	HDMI, DP (support version depends on SDM module boards' chipset original signal)
Audio	Through HDMI, DP by edge connector
I/O	
Switch/ Button	Power button x 1 Reset button x 1
Power input	DC Jack x 1 (co-layout with phoenix connector, by option)
USB Port	USB3.1 x 3
Serial Port	RS-232 x 1 (Only Tx/Rx)
Expansion Slot	Intel SDM socket slot I2C GSPi Smart fan PCIe[x1] Slot x 1 Micro SD 3.0 x 1

## Packing List

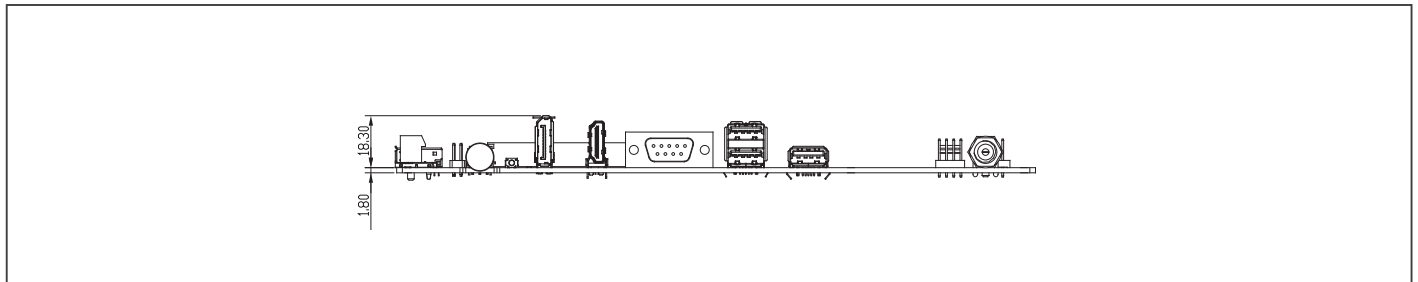
- ASDM-CRB-A12-0001
- rail kit

### Block Diagram



### Dimension

Unit: mm



### Ordering Information

- ASDM-CRB-A12-0001