

Содержание

Kontron SMARC-sXEL E2	3
-----------------------------	---

Kontron SMARC-sXEL E2

pic:



pn:

SMARC-sXEL E2

formfactor:

SMARC

manufacturer:

Kontron

cpu:

Intel® Atom® x6000E

Celeron®

Pentium®

Elkhart Lake

emmc:

64 GB

ram:

16 GB LPDDR4x

temprange:

-40...+85 °C

edp:

1 (or dsi\lvds 2ch)

dp:

2 (or 1 hdmi)

hdmi:

1 (or dp)

lvd:

1 2ch(or dsi\edp)

ethernet:

2

dsi:

1 (or edp\lvds 2ch)

usb2:

6

usb3:

2

can:

2

uart:

4 (2 full)

spi:

1 + 1 espi

pcie:

4 gen 3 (1x4, 2x2, 4x1)

sata:

1

sdio:

1

bio:

AMI Aptio V

dimension:

82x50

datasheet:

[link](#)

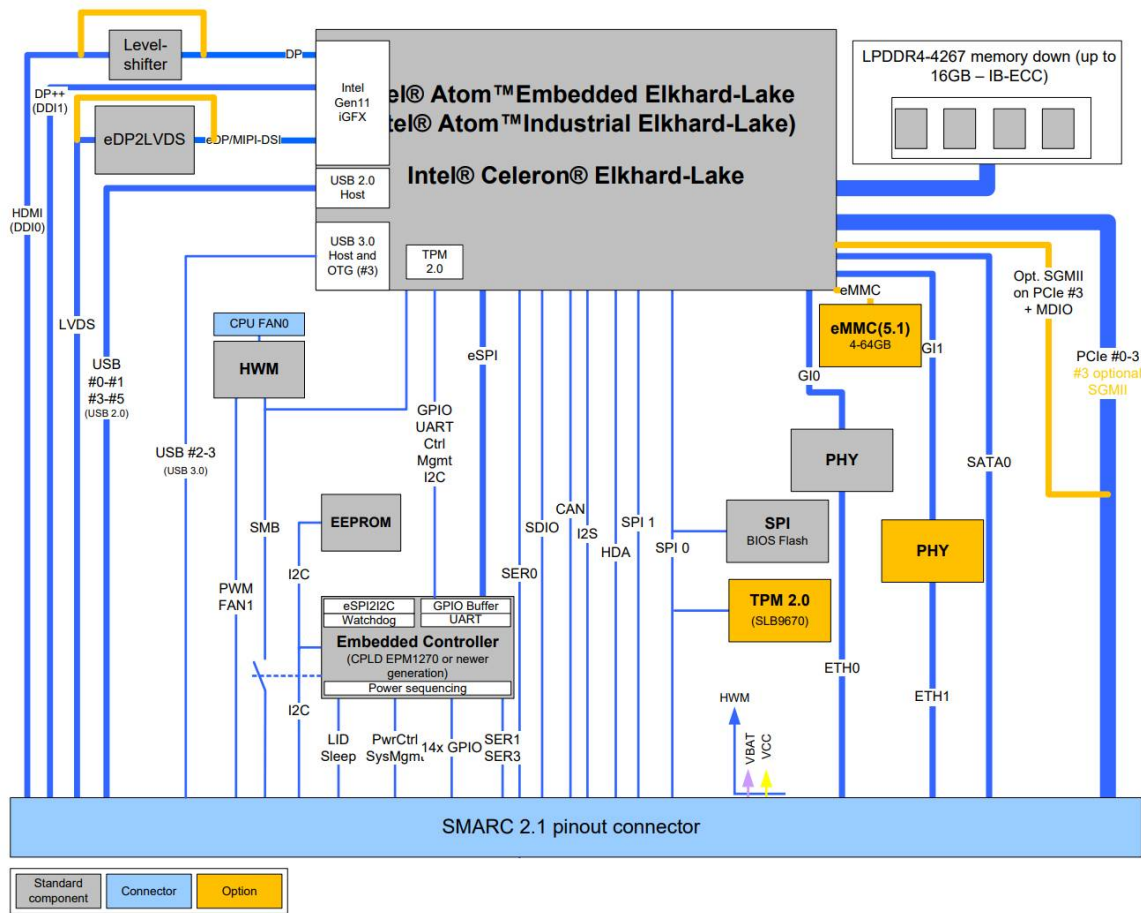
struct:



page:

[page](#)

BLOCK DIAGRAM



PART NO.	CPU	MEMORY	FLASH	ETH PHY	DISPLAY	SERDES	OP. TEMPERATURE
51016-0432-J2-4	J6426	4 GByte	32 GByte	2x 1 GByte	LVDS, HDMI, DP++	No	0 °C - 60 °C
51016-0416-N1-2	N6211	4 GByte	16 GByte	2x 1 GByte	LVDS, HDMI, DP++	No	0 °C - 60 °C

PART NO.	CPU	MEMORY	FLASH	ETH PHY	DISPLAY	SERDES	OP. TEMPERATURE
51017-0416-R1-2	x6212RE	4 GByte	16 GByte	2x 1 GByte	LVDS, HDMI, DP++	No	-40 °C - 85 °C
51017-0432-R1-4	x6414RE	4 GByte	32 GByte	2x 1 GByte	LVDS, HDMI, DP++	No	-40 °C - 85 °C
51017-0832-R2-4	x6425RE	8 GByte	32 GByte	2x 1 GByte	LVDS, HDMI, DP++	No	-40 °C - 85 °C