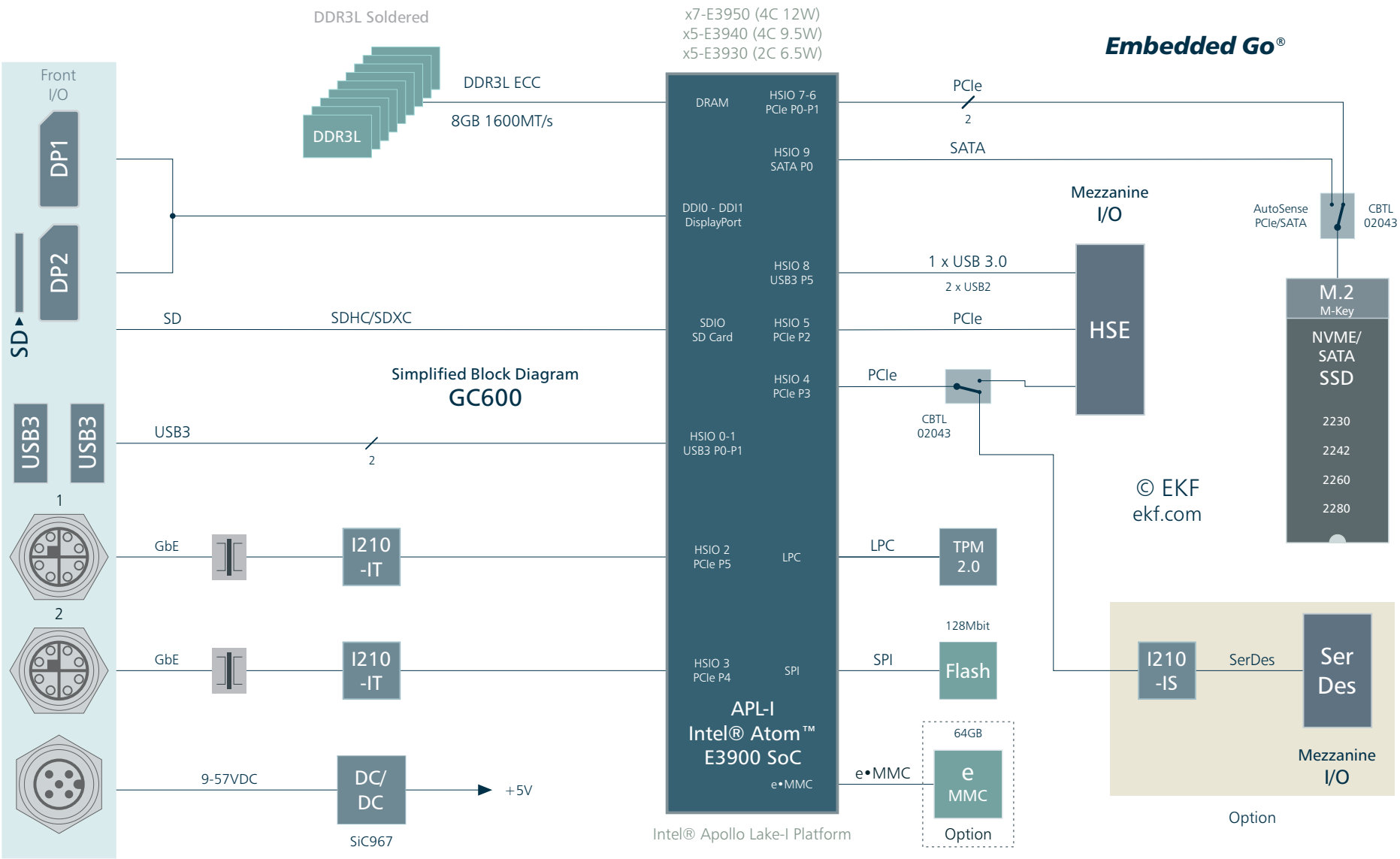
Embedded Go®
Simplified Block Diagram
GC600
Front I/O
DP1
DP2
SD
USB3
USB3
1
2
DDR3L Soldered
DDR3L
DDR3L ECC
8GB 1600MT/s
x7-E3950 (4C 12W)
x5-E3940 (4C 9.5W)
x5-E3930 (2C 6.5W)
DRAM
HSIO 7-6 PCIe P0-P1
HSIO 9 SATA P0
DDI0 - DDI1 DisplayPort
HSIO 8 USB3 P5
SDIO SD Card
HSIO 5 PCIe P2
HSIO 4 PCIe P3
HSIO 0-1 USB3 P0-P1
HSIO 2 PCIe P5
LPC
HSIO 3 PCIe P4
SPI
APL-I
Intel® Atom™
E3900 SoC
e•MMC
Intel® Apollo Lake-I Platform
PCIe
2
SATA
Mezzanine I/O
AutoSense PCIe/SATA
CBTL 02043
1 x USB 3.0
2 x USB2
PCIe
HSE
M.2
M-Key
NVME/ SATA SSD
2230
2242
2260
2280
PCIe
CBTL 02043
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ekf.com
SD
SDHC/SDXC
USB3
2
GbE
I210 -IT
LPC
TPM 2.0
128Mbit
GbE
I210 -IT
SPI
Flash
I210 -IS
SerDes
Ser Des
Mezzanine I/O
Option
9-57VDC
DC/ DC
+5V
SiC967
e•MMC
64GB
e MMC
Option