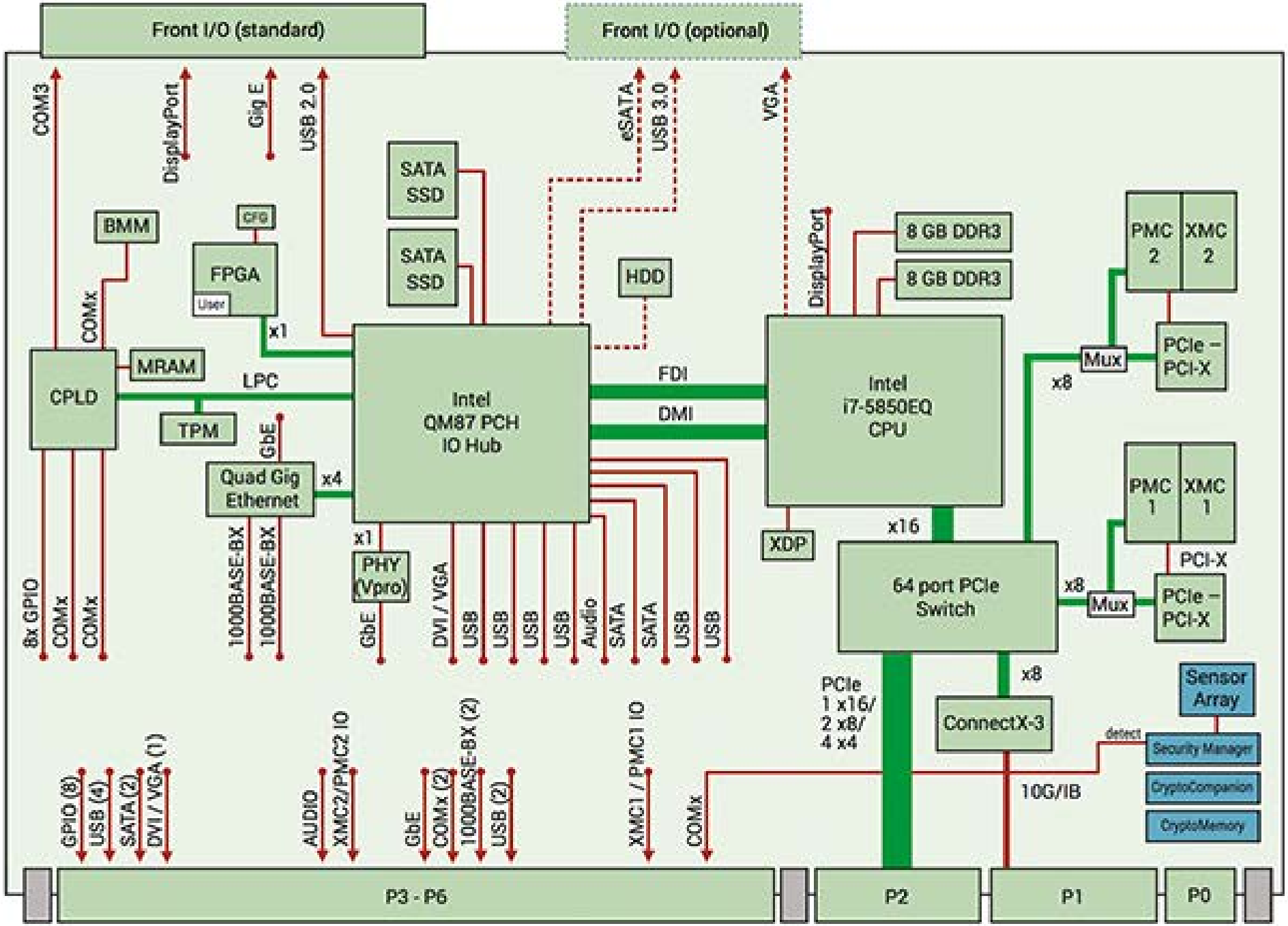
Front I/O (standard)
Front I/O (optional)
COM3
DisplayPort
Gig E
USB 2.0
eSATA
USB 3.0
VGA
SATA SSD
SATA SSD
HDD
BMM
CFG
FPGA
User
x1
COMx
MRAM
CPLD
LPC
TPM
GbE
Quad Gig Ethernet
x4
Intel QM87 PCH IO Hub
FDI
DMI
DisplayPort
8 GB DDR3
8 GB DDR3
Intel i7-5850EQ CPU
PMC 2
XMC 2
Mux
PCIe – PCI-X
x8
PMC 1
XMC 1
PCI-X
Mux
PCIe – PCI-X
x8
XDP
x16
64 port PCIe Switch
8x GPIO
COMx
COMx
1000BASE-BX
1000BASE-BX
x1
PHY (Vpro)
GbE
DVI / VGA
USB
USB
USB
USB
Audio
SATA
SATA
USB
USB
PCIe 1 x16/ 2 x8/ 4 x4
x8
ConnectX-3
Sensor Array
detect
Security Manager
CryptoCompanion
CryptoMemory
10G/IB
GPIO (8)
USB (4)
SATA (2)
DVI / VGA (1)
AUDIO
XMC2/PMC2 IO
GbE
COMx (2)
1000BASE-BX (2)
USB (2)
XMC1 / PMC1 IO
COMx
P3 - P6
P2
P1
P0