

# Express5800/GT110j ブロック図

## CPU

1x CoffeeLake-S Processor  
Up to 6 cores / socket  
Socket LGA1151

## Memory

- DDR4-2666 UDIMM w/ECC  
- 8GB/16GB DIMM  
- Max. up to 64GB.

Slot 3 **PCIe 3.0 (x16)**

PCIe 3.0(x16)  
16GB/s

Intel®  
Celeron®, Pentium®  
Core™ i3, Xeon®  
Processor  
(CoffeeLake-S)



#: x8 socket

Slot 1 **PCIe 3.0 (x4) #**

PCIe 3.0(x4)  
4GB/s

Slot 2 **PCIe 3.0 (x4) #**

PCIe 3.0(x4)  
4GB/s

Slot 4 **PCIe 3.0 (x4) #**

PCIe 3.0(x4)  
4GB/s

DMI 3.0(x4) 4GB/s

PCH  
Intel® C246  
Chipset  
(Cannon Lake PCH-H  
SKU)

4x SATA 6Gb/s  
(1x Mini SAS HD for HDD)  
1x SATA 6Gb/s (1x Single SATA for ODD)  
SATA DOM  
7x USB [4x Rear (USB 3.0x2 /3.1x2) Type A]  
[2x front (USB 3.0) Type A]  
[1x Internal (USB 3.0) Type A]  
SGPIO for SATA HDD LED Control

PCIe 2.0(x1)  
0.5GB/s

2x RJ45 (for Public) ↔ 2x 1000BASE-T  
BroadcomBCM5720

1x RJ45 (for Management) ↔ 1000 PHY

BIOS Flash (32MB)  
SPl  
PCIe2(x1) (Port: 19)  
1x USB1.1  
1x USB2.0  
LPC

TPM 2.0

Mezzanine Card  
(Option)

NCSI

RGMII

MAC  
2ch

Video

BMC  
(AST2500)

BMC

256MB DDR4 DRAM for BMC & VRAM

SPI Flash (1x 64MB) for BMC

eMMC (8GB) for BMC

1x VGA (1x Rear) ↔

2x Serial Ports ↔

(1x port A for Rear, 1x Optional Serial B)