

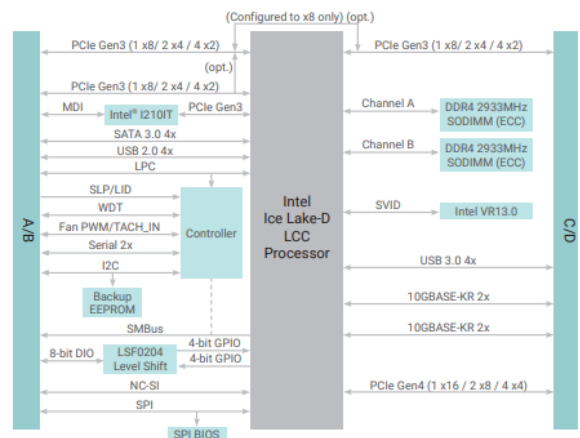
Adbc8135



FEATURES

- COM Express® Basic Size Type7 Module
- 第3世代 Intel® Xeon® Processor D-1700
ファミリープロセッサ搭載
- 最大 96GB、260-pin ECC SODIMM x3 搭載
- 1 x PCIe x16 (Gen4)、2 x PCIe x8 (Gen3)、
1 x SMBus, 1 x I²C, 1 x LPC, 2 x UART
(TX/RX)
- 温度拡張対応: -40°C ~ 85°Cまで

ブロック図



仕様



System	Processor	3rd Gen Intel® Xeon® Scalable Processors D-1700 Family Intel® Xeon® D-1746TER Processor, 10 Cores, 15MB Cache, 2.0GHz, 67W Intel® Xeon® D-1735TR Processor, 8 Cores, 15MB Cache, 2.2GHz, 59W Intel® Xeon® D-1732TE Processor, 8 Cores, 15MB Cache, 1.9GHz, 52W Intel® Xeon® D-1715ER Processor, 4 Cores, 10MB Cache, 2.4GHz, 50W Intel® Xeon® D-1712TR Processor, 4 Cores, 10MB Cache, 2.0GHz, 40W
	Memory	Three 260-pin ECC SODIMM up to 96GB, Dual Channel DDR4 2933MHz (Memory max speed depends on CPU SKU)
	BIOS	Insyde SPI 128Mbit
Expansion	Interface	Default: B1: 1 x PCIe x8 or 2 x PCIe x4 or 4 x PCIe x2 (Gen 3) B2: 1 x PCIe x8 or 2 x PCIe x4 or 4 x PCIe x2 (Gen 3) B3/B4: 1 x PCIe x16 or 2 x PCIe x8 or 4 x PCIe x4 (Gen 4) 1 x LPC, 1 x I2C, 1 x SMBus, 2 x UART (TX/RX)
	Ethernet	Controller Supports up to 4 x 10GBASE-KR interfaces and max up to 4 x 10GbE MAC ports (maximum bandwidth 40Gb by activating the 4 x 10GbE at the same time) 1 x Intel® I210AT (10/100/1000Mbps) (0 to 60°C) or 1 x Intel® I210IT (10/100/1000Mbps) (-40 to 85°C)
I/O	USB	4 x USB 3.0, 4 x USB 2.0
	SATA	2 x SATA 3.0 (up to 6Gb/s), RAID 0/1
	DIO	1 x 8-bit DIO (4 in, 4 out)
Watchdog Timer	Output & Interval	System Reset, Programmable via Software from 15 to 255 Seconds
Security	TPM	Available upon request
Power	Type	12V, 5VSB, VCC_RTC (ATX mode) 12V, VCC_RTC (AT mode)
	Consumption	Typical: 12V @ 1.24A (14.88W) Max.: 12V @ 2.26A (27.12W)
OS Support	Windows	Windows Server 2012 Windows Server 2016
	Linux	Yocto Project v1.8/v2.0
	Temperature	Operating: 0 to 60°C, (extended temperature support) -40 to 85°C Storage: -40 to 85°C
Environment	Humidity	Operating: 5 to 90% RH Storage: 5 to 90% RH
	MTBF	2180429 hrs @ 25°C; 1241904 hrs @ 45°C; 802692 hrs @ 60°C Calculation model: Telcordia Issue 4 Environment: GB, GC – Ground Benign, Controlled
	Dimensions	95mm x 125mm
Mechanism	Compliance	PICMG COM Express® R3.0, Type 7

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