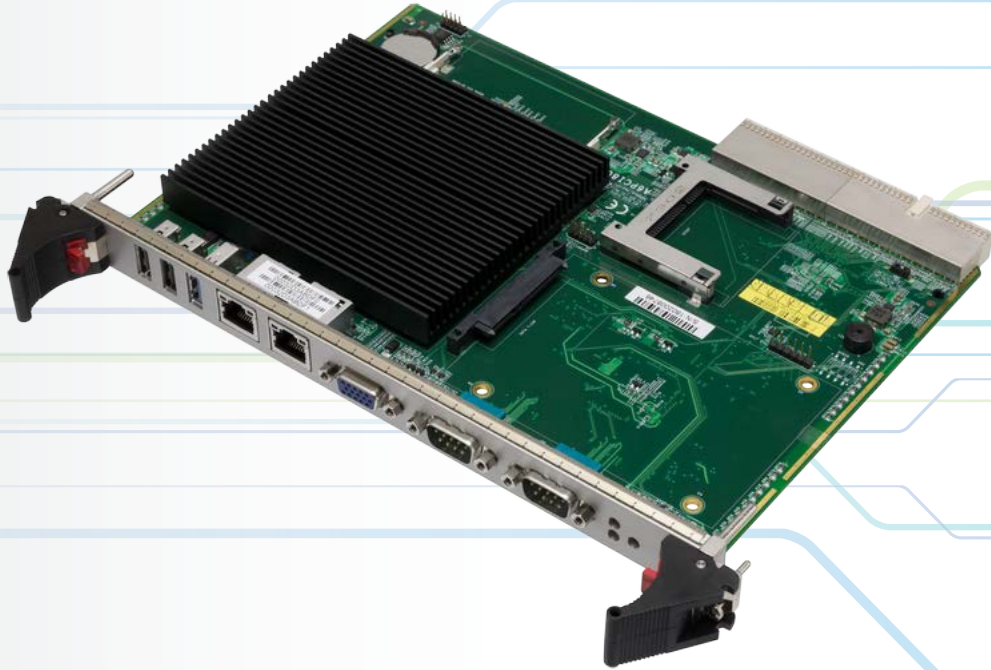


A6pci8077



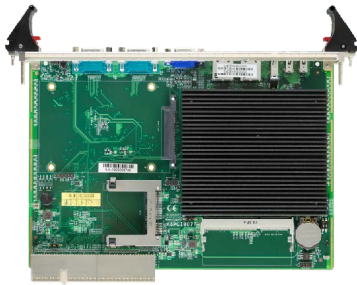
FEATURES

- 6Uサイズの1スロット Compact PCI ボード
- Intel® Atom™ E38xx シリーズ搭載
- ECC対応 DDR3L-1333 SO-DIMM
- USB 2.0 x2、USB 3.0 x1
- Compact PCI PICMG2.0準拠
- 動作温度範囲: 0°C ~ 60°C
- 対応OS: Windows 7、
Windows 10 (64 bit)、
VxWorks

A6pci8077は、PICMG2.0に準拠した6Uサイズの1スロットのCompactPCIで、Intel® Atom™ E38xxシリーズを搭載し、省電力環境を実現するCPUボードです。

メインメモリには、ECC対応のDDR3L-1333 SO-DIMMを採用しています。

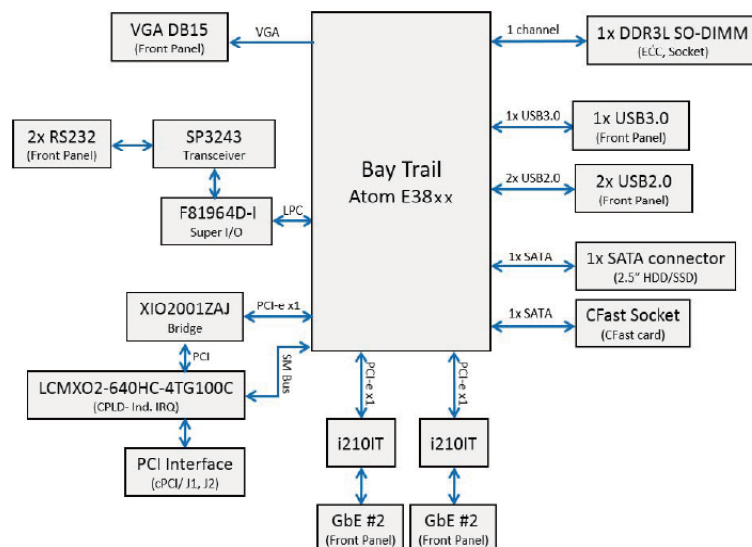
フロントパネルに、VGA x1、USB 3.0 x1、USB 2.0 x2、GbE x2、COM x2、内蔵ストレージとして、2.5" HDD/SSD x1、CFast x1を搭載しています。



仕様

Form Factor	6U Compact PCI PICMG 2.0 Compact PCI Rev 3.0 compliant
PCB	PCB Thickness, 1.6mm 233mm x 160mm, 4HP, 20.32mm width Compact PCI® connectors J1, J2
CPU Type	Intel® Atom E38xx mobile processor -1.91 GHz -FCBGA-1170 package, 25mm x 27mm, TDP =10W (Reserve 4 Holes for heat-sink mounting)
PCH	Intel® integrated PCH chipset
BIOS	AMI UEFI, SPI Flash =128MB
Memory	1x DDR3L-1333, ECC, SO-DIMM Socket, Horizontal type, 4GB Max.
Display	Intel® Atom processor integrated 3D graphics controller -1x VGA output (to front panel)
LAN / PHY	2 x Intel® I210IT GbE controller -2x GbE (GbE #1 & #2, to front panel)
USB	Intel® Atom processor integrated USB controller -1x USB3.0 (USB #1, to front panel) --2x USB2.0 (USB #2 & #3, to front panel)
Serial ATA	Intel® Atom processor built-in SATA controller -1x SATA II connector (for internal 2.5" HDD/ SDD) -1x Cfast Type 2 Socket (for internal Cfast card)
LPC I/O	Fintek F81846AD-I (128-pin, LQFP, 14mm x 14 mm) -2x RS232 ports (COM #1 & #2, to front panel) -Hardware monitor (temperature inputs, voltage monitor inputs)
RTC	Intel® Atom processor built-in RTC w/ on board lithium battery (BR2032)
Onboard Header/Connector	1x SATA connector -Include SATA Power, 4 screw holes for 2.5"HDD/SSD mounting 1x 3pins jumper for CMOS 1x 3pins jumper for VIO 3.3V / 5V 1x J1 cPCI connector 1x J2 cPCI connector
cPCI bus	1x TI XIO2001Z (PCI/e to PCI bridge) + 1x Lattice LCMXO2-640HC-4TG100C (CPLD), Appendix C. -PCI 32-bit/33MHz PCI Bus -IRQ management (IRQ selection of INT #A, #B, #C, #D)
Front Panel Connector	1x D-Sub 15pins connector (for VGA output) 1x USB3.0 Type A connector (USB #1) 2x USB2.0 Type A connector (USB #2, #3) 2x RJ45 connector (GbE #1, #2) 2x DB9 connector (COM#1, #2)
Front Panel LED indicators	1x LED (Red) for HDD Status 1x LED (Green) for Power Status
Button	1x Reset button (to front panel)
Power Input	From cPCI backplane -5V DC Only
Operating Temperature	0°C to 60°C
Storage Temperature	-40°C to 85°C
Humidity	10 to 90% (non-condensing)
RoHS	2011/65/EU, (EU)2015/863
Operation System	Windows 7/ Windows 10 (64bit) VxWorks, MSI interrupt protocol

ブロック図



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※仕様は予告なく変更されることがあります。