



Features

- Onboard Intel® Atom® x7000RE Series or N-Series processor
- 2x I226LM or I226IT PCIe 2.5G Lan
- 2x USB 3.2, 6x USB 2.0, 1x SATA III, 4x UART
- Supports 3x independent displays for DP / LVDS or eDP
- Digital I/O, TPM (2.0), Watchdog timer

Specifications

CPU	Intel® Atom® x7000RE Series or N-Series processor
PCH	Integrated in Intel® SoC
Memory	Onboard LPDDR5, 16GB
BIOS	AMI
Watchdog Timer	256 levels
H/W Monitor	Yes
Storage Device Interface	eMMC 64GB
Expansion Slots	SMARC connector to carrier board
Graphics Controller	Intel® SOC integrated graphics
Video Output	DisplayPort, LVDS or eDP on carrier board
Ethernet	2x Intel® I226LM(IT) 2.5 GbE RJ45 on carrier board
I/O Chipset	Fintek F81966AB-I onboard
Serial Port	4 x UART ports: • UART 0: 4 wire • UART 1: 2 wire • UART 2: 4 wire • UART 3: 2 wire
USB 2.0	2x USB3.2 (10bps) via carrier board
USB 3.X	6x USB2.0 via carrier board
Serial ATA	1x SATA III via carrier board
Audio	Built-in HD Audio controller 1x HDA 1x I2S(Linux only)
TPM	2.0
Others	12x GPIO 6~13 from F81966AB-I; 0~3 GPO (4 for HDA reset)

Dimensions (L X W)	82mm x 50mm (3.23" x 1.97")
Power Consumption	N/A
Operating Temperature	0°C~60°C (32°F~140°F) -20°C~70°C (-4°F~158°F) (Wide Temp.)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

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COM-HPC Module