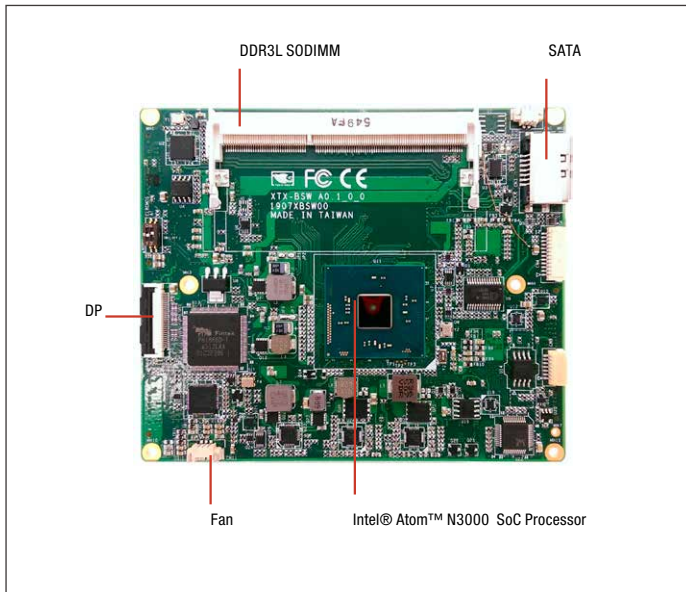


XTX CPU Module with Intel® Atom™ N3xxx Processor SoC



Features

- Intel® Atom™ N3xxx Processor SoC
- DDR3L SODIMM x 1, up to 8 GB
- Fast Ethernet x 1
- VGA, LVDS, DP (Optional)
- SATA x 1, PATA x 1 (Optional to 2)
- USB2.0 x 5, PCI-Express [x1] x 2, PCI
- XTX Form Factor 115mm x 95mm



Specifications

System	
Form Factor	XTX
CPU	Onboard Intel® Atom™ N3000 Processor SoC, D1 stepping
CPU Frequency	Up to 1.86GHz
Chipset	Onboard Intel® Atom™ N3000 Processor SoC, D1 stepping
Memory Type	DDR3L 1066 MHz, SODIMM x 1
Max. Memory Capacity	8 GB
BIOS	AMI BIOS
Wake on LAN	Yes
Watchdog Timer	255 Levels
Power Requirement	+5V
Power Consumption (Typical)	—
Power Supply Type	AT/ ATX
Dimension (L x W)	4.5" x 3.74" (114mm x 95mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	80,000
Certification	CE/FCC
Display	
VGA/LCD Controller	Intel® Atom™ N3000 Processor integrated
Video Output	CRT, LVDS LCD, DP (optional)
Backlight Inverter Supply	—
I/O	
Ethernet	Realtek 8105E, 10/100Base-TX
Audio	Realtek ALC892
USB Port	USB2.0 x 5
Serial Port	2
Parallel Port	1
HDD Interface	SATA x 2 (one shared with PATA), PATA x 1
FDD Interface	—
SSD	—
Expansion Slot	PCI Express [x1] x 2, PCI
DIO	—
TPM	—

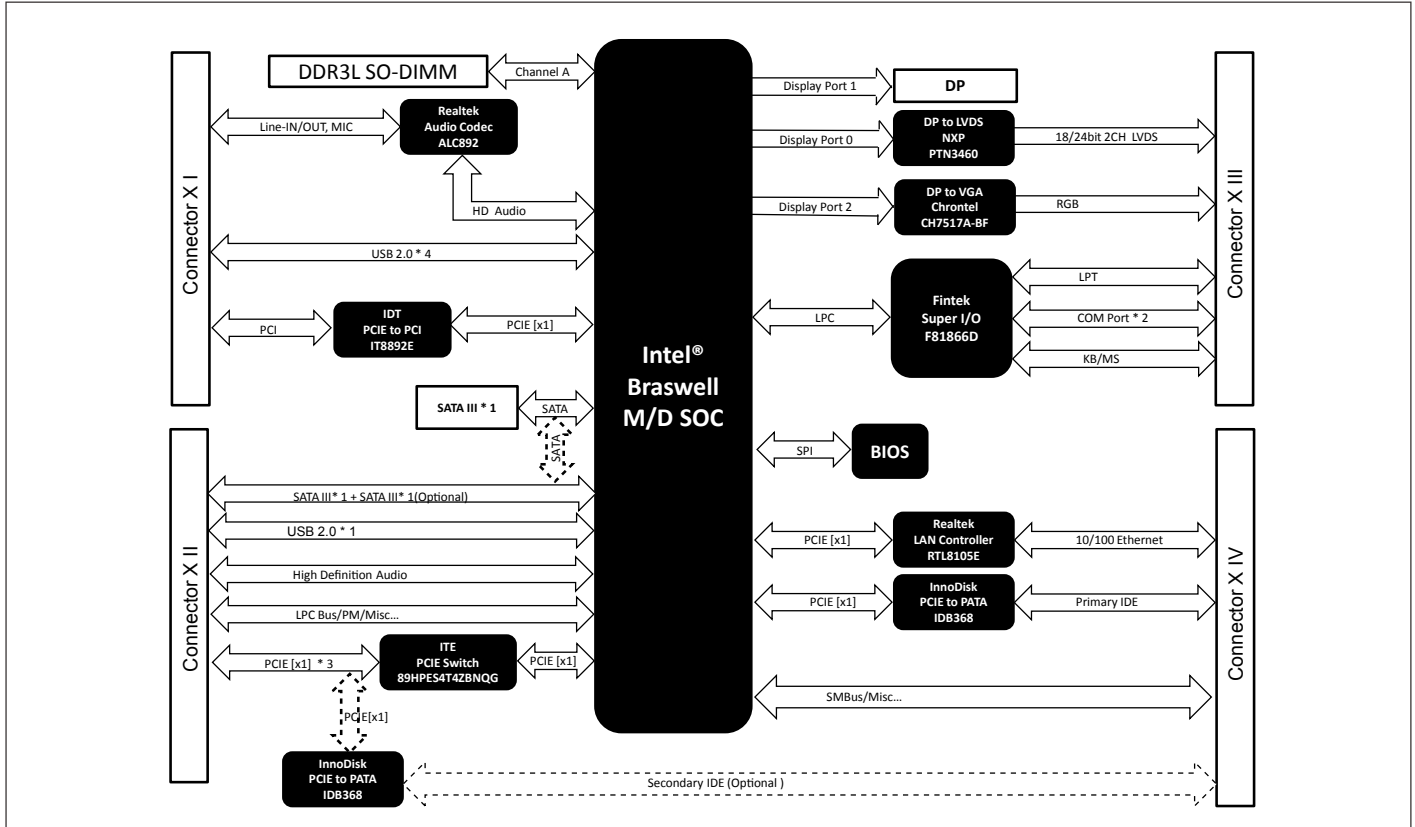
Packing List

- M2.5 Screw x 4
- Product CD
- XTX-BSW

Optional Accessories

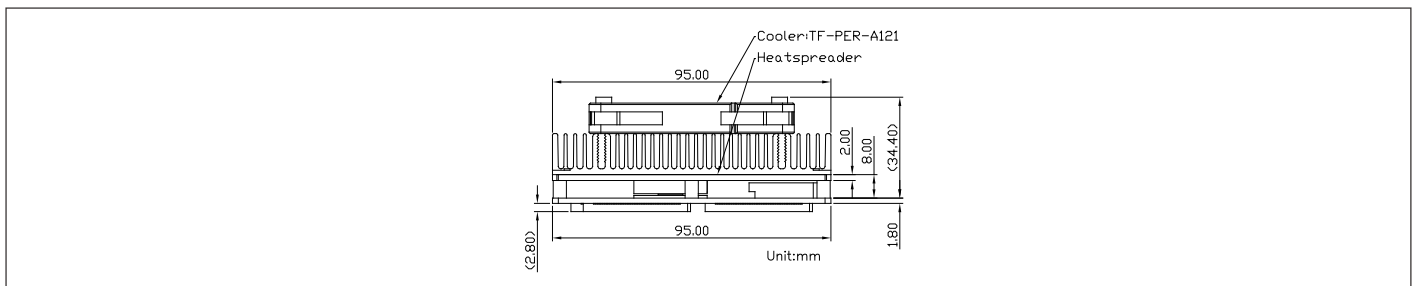
- **TF-ECB-910M-A10**
XTX Carrier Board, LAN, Audio, 4 COM, USB, PCI-E, 2 SATA, AT/ATX, Rev. A1.0
- **XTX-BSW-HSP01**
Heat Spreader, For XTX-BSW, Onboard CPU
- **TF-PER-A120**
Heatsink for XTX, use with heat spreader
- **TF-PER-A121**
Cooler for XTX, use with heat spreader

Block Diagram



Dimension

Unit: mm



Ordering Information

Part Number	Form Factor	CPU	Memory	Display	LVDS	Storage	LAN	USB 2.0	Expansion	Power	Temperature	Other
XTX-BSW-A10-0001	XTX	N3160, 1.6GHz	DDR3L, Max 8GB SO-DIMM x1	CRT, LVDS, DP	24bit,2CH	SATA x 1 (option to 2)	10/100	5	PCIE[x1] x2, PCI	+5V (ATX)	0°C ~ 60°C	LPC, Audio, I2C, SMBus,
XTX-BSW-A10-0002	XTX	N3060, 1.6GHz	DDR3L, Max 8GB SO-DIMM x1	CRT, LVDS, DP	24bit,2CH	SATA x 1 (option to 2)	10/100	5	PCIE[x1] x2, PCI	+5V (ATX)	0°C ~ 60°C	LPC, Audio, I2C, SMBus