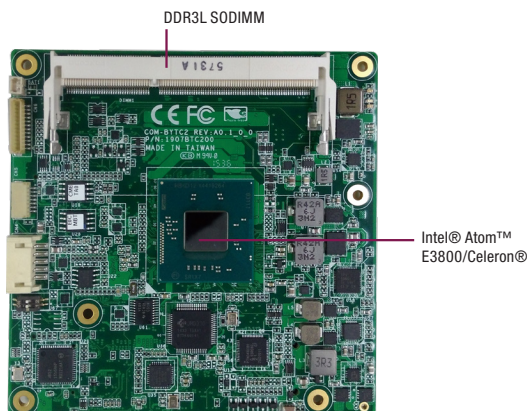




Features

- Intel® Atom™/ Celeron® Processor
- DDR3L SODIMM x 1, up to 8 GB, non-ECC Support
- Intel I210IT Gigabit Ethernet x 1
- 18/24-bit Dual Channel LVDS LCD, VGA, eDP
- High Definition Audio Interface
- SATA2 x 1, PATA x 1 (1 Device)
- USB 2.0 x 7 ,
- PCIe[x1] x 2 (Optional, up to 3), 32-bit PCI x 4
- COM Express Type 2, Compact Size , 95mm x 95mm



Specifications

System	
Form Factor	COM Express Compact size, Type 2
CPU	Intel® Atom™/Celeron® Processor
CPU Frequency	Up to J1900 1.91 GHz
Chipset	Intel® Atom™/Celeron® SoC
Memory Type	DDR3L 1333, SODIMM x 1
Max. Memory Capacity	Up to 8GB
BIOS	AMI BIOS, Legacy free
Wake on LAN	Yes
Watchdog Timer	255 Levels
Power Requirement	Standard : +12V
Power Supply Type	AT/ATX
Power Consumption (Typical)	1A@ 12V , full load, with J1900
Dimension (L x W)	3.75" x 3.75" (95mm x 95mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 185°F (-40°C ~ 85°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	114,826
Certification	CE/FCC Class A
Display	
VGA/LCD Controller	Intel® HD Graphic
Video Output	Dual Display : Single/Dual Channel LVDS (18/24bit) , eDP, VGA
I/O	
Ethernet	Intel® I210IT GbE x 1
Audio	High Definition Audio Interface
USB Port	USB 2.0 x 7
Serial Port	—
HDD Interface	SATA 2 x 1, PATA x 1
Expansion	PCIe[x1] x 2 (up to 2 devices), PCI x 4 LPC SMBus I2C
GPIO	8-bit
Onboard Storage	—
TPM	Optional

Packing List

- M2.5 Screw x 5
- COM-BYTC2

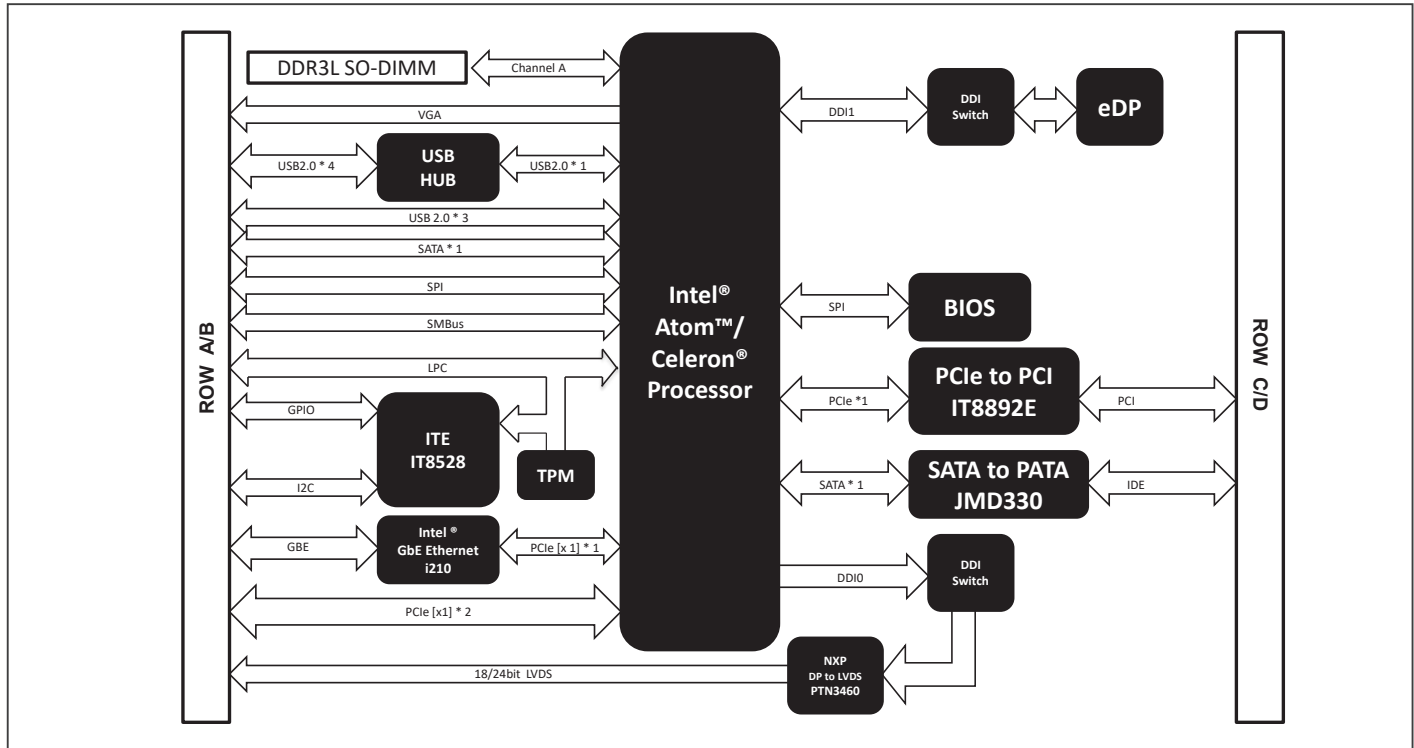
Optional Accessories

- **TF-ECB-916M-B11-01**
COM Express Carrier board, microATX, Dual Ethernet, 2 COM (Winbond), USB, PCI-Express, AT/ATX, Rev.B1.1
- **PER-A126**
Heat Spreader, For COM-BYTC2, Onboard CPU
- **COM-FAN02**
CPU Cooler, 95 x 95 x 26.5mm, Silver, use with HSP
- **COM-HSK02**
Heat Sink. 95*95*26.5mm. Silver. use w/HSP

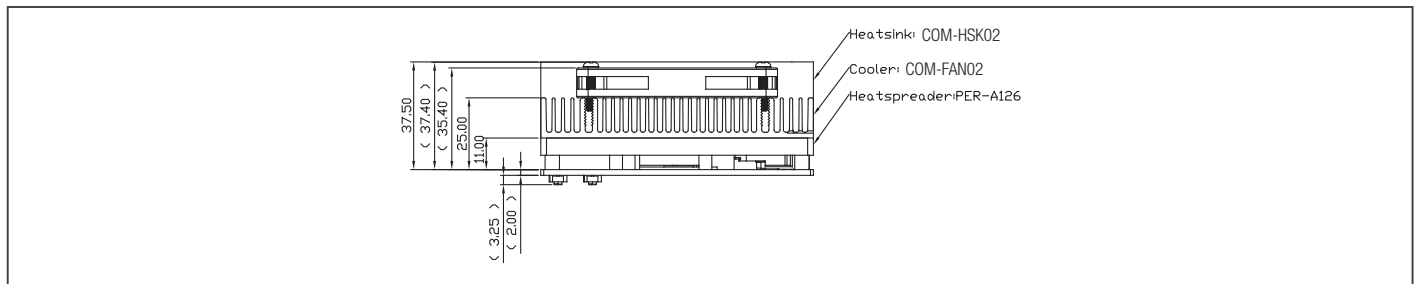
CPU Support Chart

CPU	Core/Thread	Base Frequency/Turbo	TDP	Graphic
E3845	4C/4T	1.91GHz	10W	Intel® HD Graphics
E3827	2C/2T	1.75GHz	8W	Intel® HD Graphics
J1900	4C/4T	2.00GHz / 2.42GHz	10W	Intel® HD Graphics

Block Diagram Unit: mm



Dimension Unit: mm



Ordering Information

PART NUMBER	COM EXPRESS TYPE	CPU	MEMORY	DISPLAY	LVDS	STORAGE	LAN	USB	UART	EXPANSION	POWER	TEMPERATURE	OTHERS
COM-BYTC2-A10-0001	Type 2 (COM.0 Rev. 2.1)	J1900	DDR3L SODIMM x 1, up to 8 GB	LVDS, eDP, VGA x 1	18/24b 2CH LVDS	SATA2 x 1, PATA x 1	GbE x 1	USB 2.0 x 7	—	PCIe[x1] x2(up to 3), PCI	12V	0°C - 60°C	LPC, SMBus, I2C
COM-BYTC2-A10-0002	Type 2 (COM.0 Rev. 2.1)	E3845	DDR3L SODIMM x 1, up to 8 GB	LVDS, eDP, VGA x 1	18/24b 2CH LVDS	SATA2 x 1, PATA x 1	GbE x 1	USB 2.0 x 7	—	PCIe[x1] x2(up to 3), PCI	12V	0°C - 60°C	LPC, SMBus, I2C