

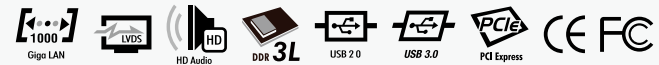


Features

- Intel® Atom™/ Celeron® Processor SoC
- DDR3L 1066/1333 MHz SODIMM x 1, Up to 8 GB
- Gigabit Ethernet with Intel® Controller
- CRT, Up to 24-bit Dual-channel LVDS, DP/HDMI, eDP (Optional)
- High Definition Audio Interface
- SATA 3.0 Gb/s x 2
- USB2.0 x 6 + USB2.0/USB3.0 x 1
- PCI-Express [x1] x 3
- COM Express Compact Module, Pin-out Type 6, COM.0 Rev. 2.1

Specifications

System	
Form Factor	COM Express Nano Module, Pin-out Type 6, COM.0 Rev. 2.1
Processor	Intel® Processor SoC N2930: 4C/ 1.83 GHz/ 7.5W N2807: 2C/ 1.58 GHz/ 4.3W E3845: 4C/ 1.91 GHz/ 10W E3827: 2C/ 1.75 GHz/ 8W E3826: 2C/ 1.46 GHz/ 7W E3825: 2C/ 1.33 GHz/ 6W E3815: 1C/ 1.46 GHz/ 5W J1900: 4C/ 2.0 GHz/ 10W
System Memory	DR3L1066/1333 MHz SODIMM x 1, up to 8 GB
Chipset	Intel® Atom™/ Celeron® Processor SoC
I/O Chipset	Intel® Atom™/ Celeron® Processor SoC
Ethernet	Intel® I211AT for 10/1000/1000Base-TX
BIOS	AMI BIOS, Legacy free BIOS
Wake On Lan	Yes
Watchdog Timer	ITE IT8528E, 255 levels
H/W status Monitoring	Supports CPU Temperature Monitoring
Expansion interface	PCI-Express [x1] x 3, LPC Bus x 1, SMBus x 1
Power Requirement	Standard: +12V, AT/ATX
Power consumption	0.92A@12V, J1900, Full load 0.48A@12V, N2807, Full load
Board Size	3.74" x 3.74" (95mm x 95mm)
Gross Weight	0.55 lb (0.25 kg)
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)	90,000
Display	
Chipset	Intel® Atom™/ Celeron® Processor SoC
Memory	Shared system memory up to 512 MB
Resolution	2560 x 1600 for DP/eDP 2560 x 1600 for CRT 1920 x 1200 for LCD, HDMI
LCD Interface	18/24-bit single channel LVDS (Shared with eDP), Up to 1920 x 1200
I/O	
Storage	SATA 3.0 Gb/s x 2
Serial Port	TX / RX x 2
USB	USB2.0 x 7 (including USB3.0/2.0 x 1)
Audio	High definition audio
GPIO	Up to 4 in and 4 out share with SDIO



Packing List

- M2.5 Screw x 4
- Product DVD
- COM-BT Rev. A

Optional Accessories

- **ECB-920A-A10**
COM Type 1/6/10 Carrier Board, ATX, GbE, 8 USB, 2 COM, 4 SATA, PCIe, AT/ATX, Legacy Free, Rev. A1.0
- **PER-A126**
Heat Spreader, For COM-BT, Onboard CPU
- **TF-PER-A117**
Passive Heatsink, For COM-CV, To be used with Heat Spreader
- **TF-PER-A118**
CPU Cooler, 35W, For COM Express Compact Size, To be used with Heat Spreader

