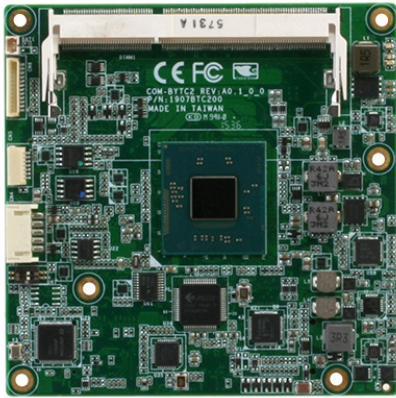


Computer on Modules for OEM/ODM

ONYX COM-BYTC2

COM Express Type 2 Compact Size with Intel® Atom™/ Celeron® Processor



Features

- Intel® Atom™/ Celeron® Processor SoC
- DDR3L SODIMM x 1, up to 8 GB, non-ECC Support
- Gigabit Ethernet with Intel® Controller
- 18/24-bit Dual Channel LVDS LCD, VGA, eDP
- High Definition Audio Interface
- SATA x 1, PATA x 1 (1 Device)
- USB 2.0 x 7, GPIO 8-bit, PCI-Express [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
CPU	Onboard Intel® Atom™ SoC
CPU Frequency	Up to J1900 1.91 GHz, Quad core
Chipset	Intel® Atom™ SoC
Memory Type	DDR3L 1066/1333, SODIMM x 1
Memory Capacity	8 GB
BIOS	AMI BIOS, Legacy Free
Wake on LAN	Yes
Watchdog Timer	255 Levels
Power Requirement	Standard: +12V
Power Supply Type	AT / ATX Selection
Power Consumption	1A@ 12V with J1900, full load
Dimension (L x W)	3.75" x 3.75" (95mm x 95mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Operating Humidity	10% ~ 90% relative humidity, non-condensing
MFTB (Hours)	80,000
Certification	CE / FCC Class A

Display

VGA / LCD Controller	Intel® Atom™ SoC
Video Output	VGA, LVDS, eDP
LVDS Interface	—

I/O

Ethernet	Intel® I210IT, Gigabit Ethernet
Audio	HD Audio
USB Port	USB 2.0 x 7
Serial Port	—
HDD Interface	SATA x 1, PATA x 1
Onboard Storage	—
Expansion Slot	PCIe[x1] x 2 (up to 2 devices) PCI x 4 LPC SMBus I2C
Onboard Storage	—
GPIO	GPIO 8-bit
TPM	Optional