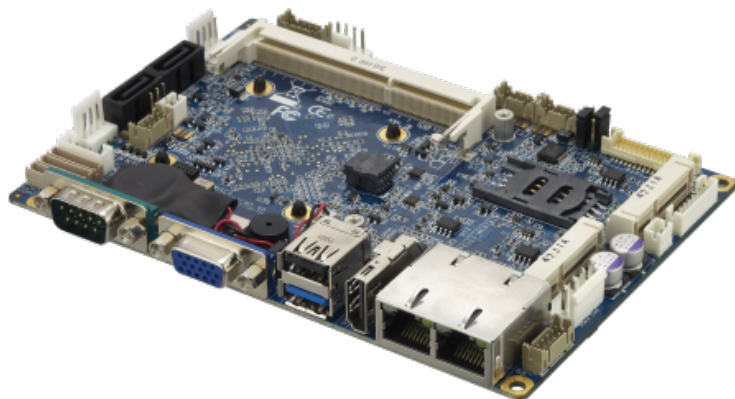




Industrial Motherboard

# CT-DBT0X

3.5" Single Board Computer with Intel® Celeron® J1900 Embedded Processor Onboard



## Features

- Intel® Celeron® J1900 on board
- 1x DDR3L SO-DIMM support, up to 8GB
- 2x Intel® GbE supporting Wake-on-LAN and PXE
- VGA/HDMI/LVDS (2-ch 24-bit)
- 2x Mini-PCIe (CT-DBT01), or 1x Mini-PCIe and 1x mSATA (CT-DBT02)
- 2x SATA 6.0Gb/s
- 4x COM port, 1x USB 3.0, 5x USB 2.0
- 1x 8-bit GPIO
- Supports TPM 1.2 (optional)

## Specifications

System	
Processor	Intel® Celeron® Processor J1900 (2.0GHz/4C/10W)
LAN Chipset	2x Intel® I210AT GbE controller (Support Wake-on-LAN and PXE)
Audio Codec	Realtek ALC886 HD Audio Codec
System Memory	1x 204-Pin DDR3L 1333 MHz SO-DIMM Non-ECC, unbuffered, max. 8 GB
BIOS	AMI UEFI 8MB SPI Flash
Watchdog	Software Programmable Supports 1~255 sec. System Reset
TPM	TPM 1.2
Display	
LVDS	2-ch 24-bit LVDS
Multiple Display	VGA/ HDMI
Storage	
mSATA	1x mSATA (mSATA models only)
SATA	2x SATA III (6 Gb/s) (1x for mSATA models)
Expansion	
Mini PCIe	2x Full-size Mini PCIe
I/O	
Audio	1x Mic-in, 1x Line-out
COM	1x RS-232/422/485 (rear) 3x RS-232 (header)
LAN	2x GbE RJ45
USB	1x USB 3.0 (rear) 5x USB 2.0 (1x rear/4x header)
Others	1x PS/2 Keyboard/Mouse (header) 1x SIM Card Holder (header) 1x micro SD Card Slot (header) 1x System Fan (header) 1x Front Panel Audio (header) LED/Power/Reset Connectors (header)
Operating System	
Windows	Windows 10, Windows 8.1, WES8.1, Windows 7, WES7
Linux	Linux kernel 4.X
Power	
Power Mode	DC 12V

Power Connector 1x4 pitch 3.96-mm Wafer Connector

## Environment

Operating Temperature	0 °C to 60 °C (32 °F to 140 °F)
Storage Temperature	-40 °C ~ 80 °C (-40 °F ~ 176 °F)
Relative Humidity	10% ~ 90% relative humidity, non-condensing
Certification	CE, FCC Class A

## Physical

Dimensions 146 x 102 mm ( 5.7" x 4.0")

## Available Models

CT-DBT02-J1900 3.5" Industrial Motherboard with Intel® Celeron® J1900

\* All specifications and photos are subject to change without notice.