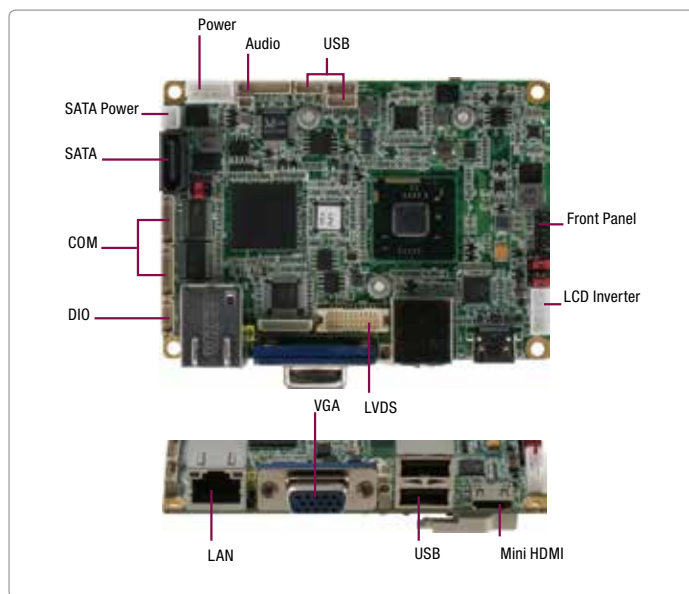


# PICO-CV01

PICO-ITX Fanless Board with HDMI and Intel® Atom™ N2600 Processor

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PICO-ITX Boards



## Features

- Intel® Atom™ N2600 Processor up to 1.6 GHz
- 204-pin SODIMM DDR3 800MHz Memory up to 2 GB
- Gigabit Ethernet x 1, RJ-45 x 1
- Mini HDMI Support
- 18-bit Single Channel LVDS LCDs
- HD Audio for Line-in/out & Mic
- mSATA/ Mini Card (Half size) x 1, SATA 2 x 1
- USB2.0 x 5, COM x 2, 4-bit Digital I/O
- +12V Power Input

## Specifications

System	
Form Factor	PICO-ITX Board
Processor	Intel® Atom™ N2600 Processor up to 1.6 GHz
System Memory	SODIMM DDR3 800MHz up to 2 GB
Chipset	Intel® Atom™ N2600 + NM10
I/O Chipset	Fintek F81801U-I
Ethernet	Realtek RTL8111E for 10/1000/1000Base-TX, RJ-45 x 1
BIOS	AMI-32Mb ROM
Wake On LAN	Yes
Watchdog Timer	255 levels
H/W Status Monitoring	Vcore, +1.5V_DDR
Expansion Interface	Mini Card/ mSATA (half size) x 1
Battery	Lithium battery
Power Requirement	+12V, AT/ATX (Default)
Power Consumption (Typical)	Intel® Atom™ N2600 1.6GHz, DDR3 800MHz 2GB 0.83A@+12V
Board Size	3.94" (L) x 2.756" (W) (100mm x 72mm)
Gross Weight	1.2 lb (0.5 Kg)
Operation Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 80 °C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	95,000
Display	
Chipset	Intel® Atom™ N2600 Processor
Resolution	LVDS up to 1366 x 768 (18 bit) @ 60Hz; VGA & HDMI up to 1920 x 1200 @ 60Hz
LCD Interface	18-bit single channel LVDS with PWM function
I/O	
Storage	SATA3.0 Gb/s x 1, mSATA x 1 (Shared with Mini Card control by BIOS)
Serial Port	RS-232 x 1, RS-232/422/485 x 1
Parallel Port	—
USB	USB 2.0 x 5
PS/2 Port	—
Digital I/O	4-bit Digital I/O (Programmable, 2-in/2-out)
Audio	Audio Buzzer x 1, HD Audio Code (Realtek ALC662) for Line-in/out & Mic x 1



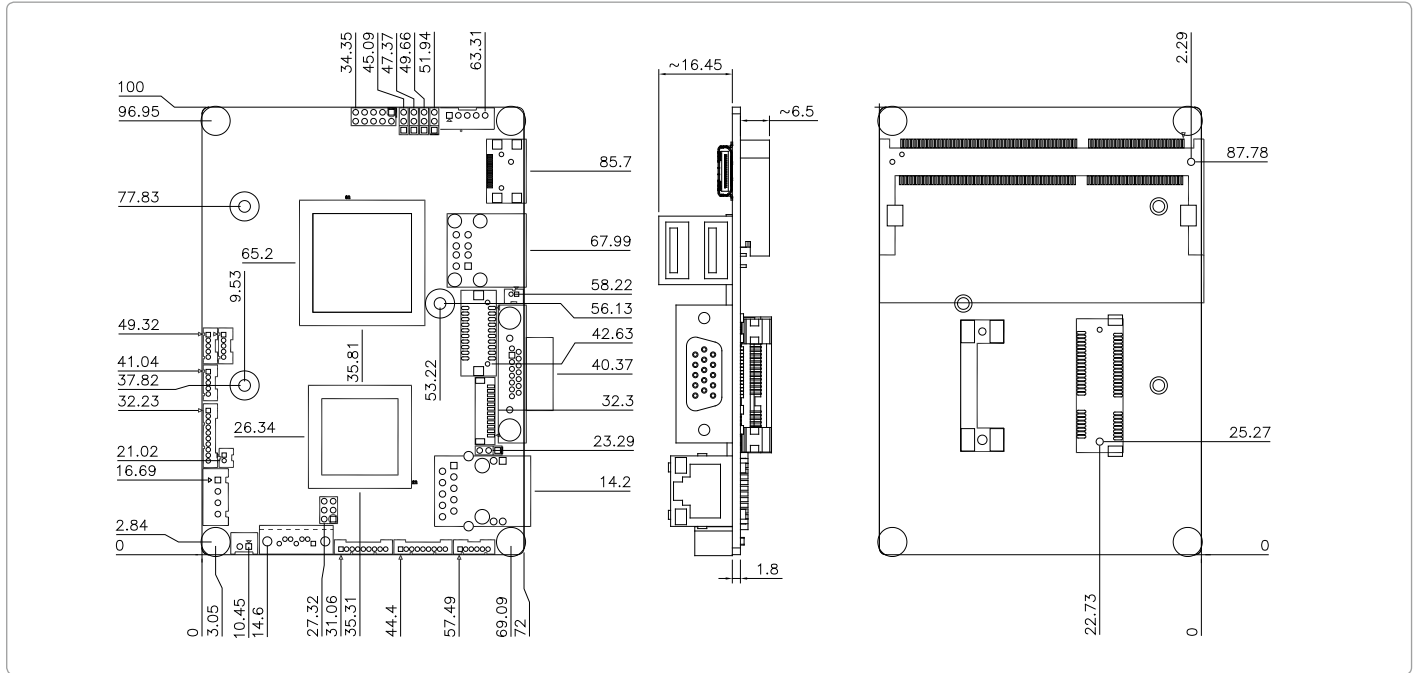
## Packing List

- 170204010S  
MB Power Cable
- 1709070500  
SATA data Cable
- 1702150155  
SATA Power Cable
- 9657666600  
Jumper Cap
- Product CD
- PICO-CV01 w/Heatsink

# PICO-CV01

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	Fan/Fanless	Display	Storage	LVDS	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Power	Temp.
PICO-CV01-A10-10	Inte® Atom™ N2600	SODIMM	Fanless	CRT + LVDS, CRT + HDMI	SATA2 x 1, mSATA x 1	18b, 1CH	GbE x 1	5	1	1	Mini Card x 1 or mSATA (Half-size) x 1	+12V, AT/ATX	0°C ~ 60°C
PICO-CV01W1-A10-10	Inte® Atom™ N2600	SODIMM	Fanless	CRT + LVDS, CRT + HDMI	SATA2 x 1, mSATA x 1	18b, 1CH	GbE x 1	5	1	1	Mini Card x 1 or mSATA (Half-size) x 1	+12V, AT/ATX	-20°C ~ 70°C

## Optional Accessories

- **1700050207**  
USB Cable, Length 20cm
- **1701090150**  
COM1 Cable, Length 15cm
- **1709100254**  
AUDIO Cable, Length 25cm
- **1701100156**  
Front Panel Cable, Length 15cm
- **1701090150**  
COM 2 Cable For RS-232, Length 15cm
- **170302010C**  
Buzzer Cable