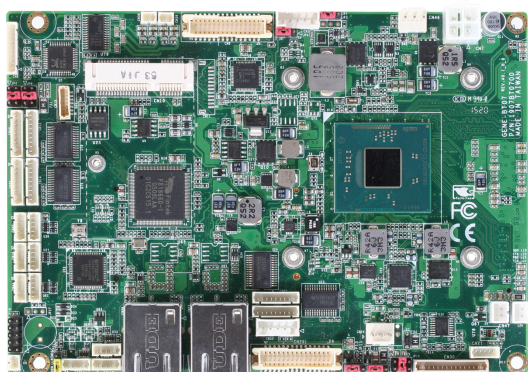


Motherboard for OEM/ODM

GENE-BT07

3.5" SubCompact Board with Intel® Celeron® J1900 Processor SoC



Features

- Intel® Celeron® J1900 Processor SoC
- DDR3L 1333 SODIMM Memory Max. up to 8GB
- VGA, LVDS, eDP (optional, support by BOM change)
- 2 CH Audio, Support 8ohm/2W Speaker
- 9 USB 2.0 , 6 COM
- Mini-Card Slot x 1 (Full-size), mSATA x 1(Half-size)
- DC 12V AT/ATX Mode

Specifications

System

Form Factor	3.5" SubCompact Board
CPU	Intel® Celeron® J1900 Processor SoC
CPU Frequency	Up to 2.0 GHz
Chipset	Intel® Celeron® J1900 Processor SoC
Memory Type	DDR3L 1333MHz SODIMM x 1
Max. Memory Capacity	Up to 8GB
BIOS	UEFI
Wake on LAN	Yes
Watchdog Timer	255 Levels
Power Requirement	+12V
Power Supply Type	AT/ ATX Mode
Power Consumption (Typical)	Intel® Celeron® J1900, DDR3L 1600MHz 8G, 1.06A@+12V
Dimension (L x W)	5.75" x 4" (146mm x 101.7mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	40°F ~ 176°F (-40°C ~ 81°C)
MTBF (Hours)	204,000
Certification	CE/FCC

Display

VGA/LCD Controller	Intel® Celeron® J1900 Processor SoC
Video Output	VGA, LVDS, eDP (optional, support by BOM change)
Backlight inverter supply	18/24-bit dual channel LVDS LCDs

I/O

Ethernet	RTL8111E, RJ-45 x 2
Audio	Realtek ALC892 CODEC, MIC-In AMP TI3113, Support 8ohm/4W speaker
USB Port	USB2.0 x 9
Serial Port	RS-232 x 6
SSD	mSATA x 1 (half size)
Expansion Slot	Mini-Card x 1 (Full-size)
Touch	Reserve USB2.0 x 1 connector to expend

Order information

» GENE-BT07-A11-0001

3.5".Board.J1900.VGA/LVDS/eDP.9USB2.0.6COM.12V
DC.Rev A1.1

Optional Accessories

» 1709100254

(TF)PHONE JACK Cable. 3P AUDIO JACK. 1*10P 1. 25mm
HOUSING(F). 25cm

» 1700050207

(TF)USB CABLE. 1*5P Pitch=1. 25mm Housinh. 20cm. for
PFM-945C

» 1701090150

(TF)Flat Cable. D-Sub 9(M). 9P Housing. 9P 1. 25mm
pitch Housing. 15cm

» 1704150153

(TF)CRT CABLE. 1*15P Pitch=1. 25mm. Housing. 15cm

» GENE-BT07-HSK03

Heat Sink.60*60*25mm.Silver.GENE-BT07