

SBC-7113

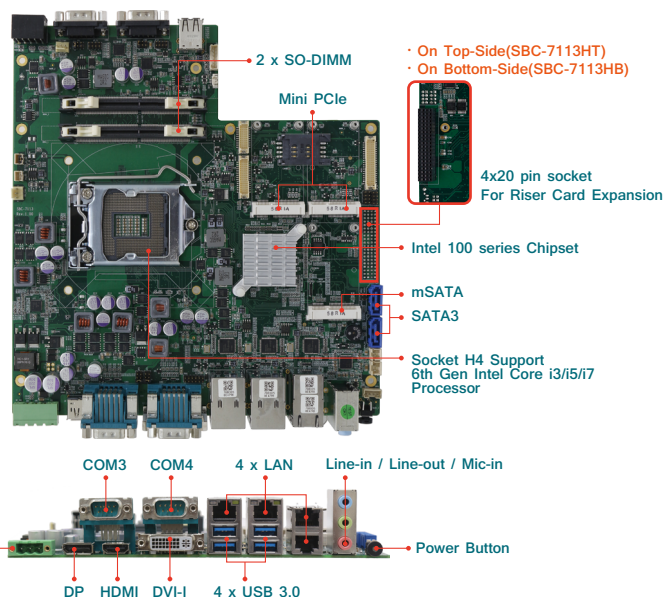
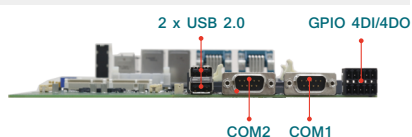
Socket H4, 6th/7th Gen Intel Core i3/i5/i7 Processors, 100 series Chipset, 2 x DDR4 SO-DIMM

Features

- Socket H4, Intel Core i3/i5/i7 processors
- 2 x 260-Pin SO-DIMM up to 32GB DDR4 1866/2133MHz
- Intel 100 Series Chipset
- Three Independent Display
- ADOtec Designed 80-Pin Socket PCIe Expansion Interface
- Wide Range DC 9~36V Input

Packing List

- 1 x SBC-7113 Industrial Motherboard
- 1 x Driver CD
- 1 x CR2477 Battery
- 2 x SATA 7+15-Pin to SATA 7-Pin/ SATA Power 2-Pin Cable (L=18cm)



Specifications

System

Form Factor	Non-standard
Processor	Socket H4, 6th/7th Gen Intel Core i3/i5/i7 Processors
System Chipset	Intel 100 Series Chipset (H170 Default)
System Memory	2 x 260-Pin SO-DIMM up to 32GB DDR4 1866/2133MHz
BIOS	AMI/UEFI BIOS

Display

Controller	Intel HD Graphics Series
DVI Interface	1 x DVI-I
HDMI Interface	1 x HDMI
Display Port	1 x Display Port
VGA Interface	1 x VGA
Resolution	Up to 4096 x 2304 for HDMI Up to 4096 x 2304 for Display Port Up to 2560 x 1600 for DVI-I Up to 1920 x 1200 for VGA
Three Display	HDMI + DVI-I + DP (Default) HDMI + DVI-I + VGA (Option) DVI-I + DP + VGA (Option)

Mechanical & Environment

Board Size (L x M)	214 mm x 225 mm
Gross Weight	1.5 kg
Operating Temperature	-20°C~70°C (-4°F~158°F)
Storage Temperature	-40°C~85°C (-40°F~185°F)
Humidity	10%~90%, non-condensing, operating
Certificate	Meet RoHS 2.0/CE/FCC Class A

Expansion

Expansion	4 x 20-Pin socket support TB-554 Series 2 x mini PCIe slot (one share with mSATA)
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Power Management

Power Input	Wide range DC 9~36V input
Power Connector	1 x 3-Pin power input connector

Ordering Information

SBC-7113HT	Socket H4, 6th/7th Gen Intel Core i3/i5/i7 Processors, H170, 2 x SO-DIMM DDR4, DP/HDMI/DVI/VGA, 4 x 20-Pin Expansion Socket (On Top-side)
SBC-7113HB	Socket H4, 6th/7th Gen Intel Core i3/i5/i7 Processors, H170, 2 x SO-DIMM DDR4, DP/HDMI/DVI/VGA, 4 x 20-Pin Expansion Socket (On Bottom-side)

I/O

Super I/O	Nuvoton NCT6106D
Ethernet	4 x PCIe GbE LAN for external by Intel 82574L
USB	4 x USB 3.0 external stack ports 2 x USB 2.0 external stack ports 3 x USB 2.0 internal for mini PCIe 3 x USB 2.0 box Pin header via MIO1 2 x USB 3.0 box Pin header via MIO2
Serial	Front side 2 x RS-232/422/485 port, DB-9 connector for external (COM1/COM2) Pin 9 with 5V/12V/Ring select Back side 2 x RS-232 port, DB-9 connector for external (COM3/COM4) Pin 9 with 5V/12V/Ring select On Board 2 x RS-232/422/485 select header for internal MIO1 (COM5/COM6)
GPIO	8-bit digital I/O by header (4 x DI, 4 x DO)
Storage	2 x SATA3 Connector (SATA1/SATA2) 1 x mSATA (M_SATA1)
Audio	Support Audio via Realtek ALC269-VB HD audio codec Support Line-out, Line-in, MIC-in by JACK Support a stereo Class-D Speaker Amplifier with 2 watt per channel output power, by 1 x 4-Pin header
Keyboard /Mouse	PS2 K/B and Mouse by 1 x 6-Pin Wafer connector 1 x PS/2 keyboard 1 x PS/2 mouse
Switches	1 x Power Switch with LED (Green) 1 x Reset Switch by MIO1
SIM Slot	Onboard SIM Card Slot
Battery	1 x 2-Pin header support CR2477 (1000mAh)

Dimension

