

GENE-BSW5

Preliminary

3.5" SubCompact Board with Intel® Pentium® & Celeron® N3000 Series Processor SoC

Specifications



Features

- Onboard Intel® Pentium®/Celeron® N3000 Series Processor SoC
- DDR3L 1600/1066 SODIMM x 1, Up to 8 GB
- Gigabit Ethernet x 2
- Multiple Display in 18/24-bit 2CH LVDS, VGA, HDMI
- AC97 2.3 Code 2CH Audio
- Mini-Card x 2 (Full-Size x 1, Half-Size x 1)
- mSATA x (optional, shared with Mini-Card interface)
- USB3.0 x 4, RS-232 x 4, RS-232/422/485 x 2, Digital I/O 8-bit
- +12V Only Operation

System	
Form Factor	3.5"
Processor	Intel® Pentium® / Celeron® N3000 Series Processor SoC
System Memory	DDR3L 1600/ 1066 SODIMM, up to 8 GB
LCD/CRT Controller	Integrated in Processor, shared memory up to 512 MB
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	RS-232 x 4, RS-232/422/485 x 2 USB 3.0 x 4 Audio Lin-In/Line-out/MIC-In VGA x 1 HDMI x 1 18/24-bit 2CH LVDS x 1 DIO x 8-bit PS/2 x 1 (Keyboard + Mouse)
Storage Disk Drive	SATA 6.0 Gb/s x1 mSATA x 1 (Half Size, share with Mini-Card Interface)
Expansion Slot	Mini-Card x 2 (Full x 1, Half x 1)
OS support	Windows® 10, Windows®8.1, Windows® 7, Yocto, Wind River VxWorks
Mechanical	
Dimension	5.75" x 4" (146mm x 101.6mm)
Environmental	
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Storage Humidity	10%~90%; non-condensing
Power Requirement	
DC Input	+12V, AT/ATX
Touch Screen (Optional)	
Type	Touch Window

Ordering Information

GENE-BSW5-A10-0001

Intel® Pentium®/ Celeron® N3000 Series, CRT+LVDS, GbE x 2, USB 3.0 x 4, RS-232 x 4, RS-232/422/485 x 2, Fanless