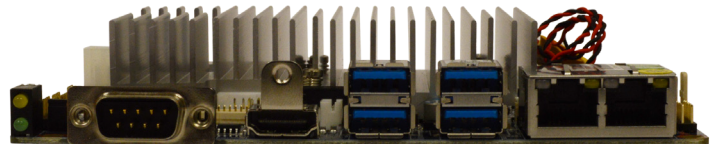
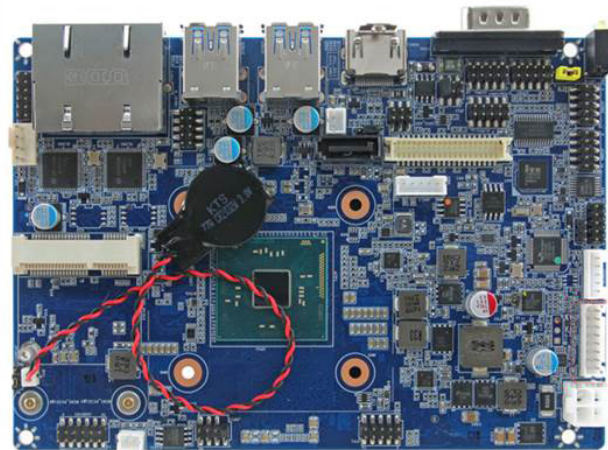


EMBEDDED

MOTHERBOARDS

N3160SBC

The N3160SBC 3.5" motherboard is packed with big features for your embedded applications. This Braswell family industrial motherboard supports the Intel® Celeron® Processor N3160 and features One (1) SATA III, Four (4) USB 3.0, Two (2) USB 2.0, Six (6) COM and Two (2) Mini-PCIe. All products come with our Seven (7) to Ten (10) year guaranteed production.



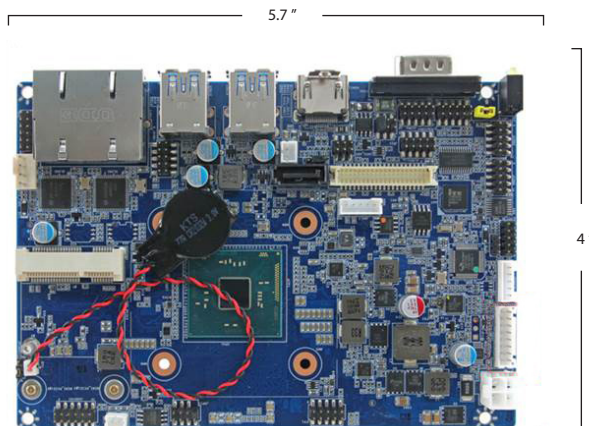
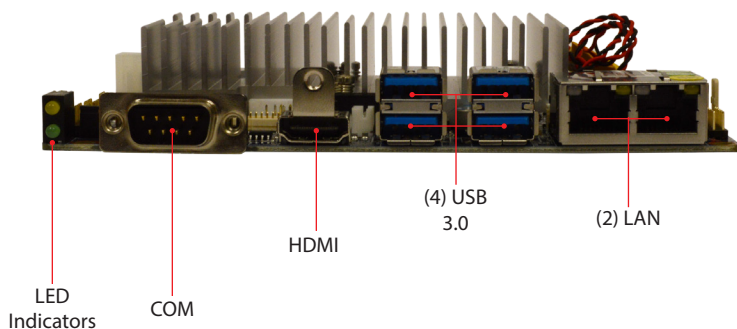
PRODUCT HIGHLIGHTS

- Intel® Celeron® Processor N3160
- 5.7" x 4" (146mm x 101mm)
- One (1) 204-pin DDR3L SODIMM supports up to 8GB DDR3L 1600 SDRAM
- One (1) SATA III
- Four (4) USB 3.0, Two (2) USB 2.0
- Dual Display (HDMI, LVDS)
- Two (2) x Mini-PCIe
- One (1) x RS-232/422/485, Five (5) x RS-232
- Two (2) Intel® i211AT Gigabit Ethernet
- Realtek ALC892, supports 2.1-CH
- TPM 1.2 function
- Fanless
- Seven (7) to Ten (10) Year Guaranteed Production



N3160SBC

EMBEDDED MOTHERBOARD



TECHNICAL SPECIFICATIONS

SYSTEM

Form Factor	3.5" Form Factor
Dimensions	5.7" x 4" (146mm x 101mm)
Processor	Intel® Celeron® Processor N3160
Super-I/O	ITE IT8528VG/FX
Memory	1 x 204-Pin DDR3L 1600MHz SO-DIMM up to 8 GB
BIOS	AMI 64Mbit SPI Flash ROM
Expansion Slot	1 x Full-size Mini PCIe with mSATA Supported 1 x Half-size Mini PCIe

I/O

USB	2 x USB 2.0, 4 x USB 3.0
SATA	1 x SATA III
COM	1 x RS-232/422/485 5 x RS-232
GPIO	1 x 8-bit GPIO

DISPLAY

Graphics	Intel® HD 400 Graphics
HDMI	1920 x 1080 @ 60Hz
LVDS	1920 x 1080 @ 60Hz
LVDS + HDMI	Dual-channel 18/ 24-bit LVDS
VGA	(Optional) by pin header

INDUSTRIAL DEVICES

Audio/Interface	Realtek ALC892, supports 2.1-CH
Ethernet	2 x Intel® 211AT Gigabit Ethernet
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Watchdog	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step

POWER

Power Requirement +12V ~ +26V; 4-pin Molex

ENVIRONMENTAL

Operating Temp	0°C ~ 60°C (32°F ~ 158°F)
Non-Operating	-40°C ~ 75°C (-40°F ~ 167°F)
Compliance	CE, FCC Class B

PART NUMBER N3135

