

# QBOX-2080 Series

Standard / Extended Temperature Fanless BOX PC  
with Intel® Braswell SoC Processor, Celeron® N3160



- Intel® Braswell Quad Core SoC Processor, Celeron® N3160
- Intel® HD Graphics 400
- 1x DDR3L SO-DIMM up to 8GB
- 4K2K video output supported
- 1x HDMI, 1x DP
- 4x USB3.0, 4x COM, 1x 8-bit DIO, 2x GbE, 3x Audio Jack
- 2x mPCIe, 1x SIM (optional)
- 1x 2.5" SATA HDD/SSD, 1x mSATA (optional, mixed w/ mPCIe)
- Fanless design
- Extended temperature model available: -20°C ~ 70°C

## Product Overview

The QBOX-2080 Series is a fanless BOX PC boasting high computing and graphics performance, based on Intel®'s new Braswell Quad Core SoC Processor, Celeron® N3160, as well as Intel® HD Graphics 400 integrated. In addition, it supports 1x DP, 1x HDMI, 4x USB 3.0, 4x COM, 1x 8-bit DIO, 3x Audio Jack, 2x mPCIe socket for possible peripheral applications and expansions.

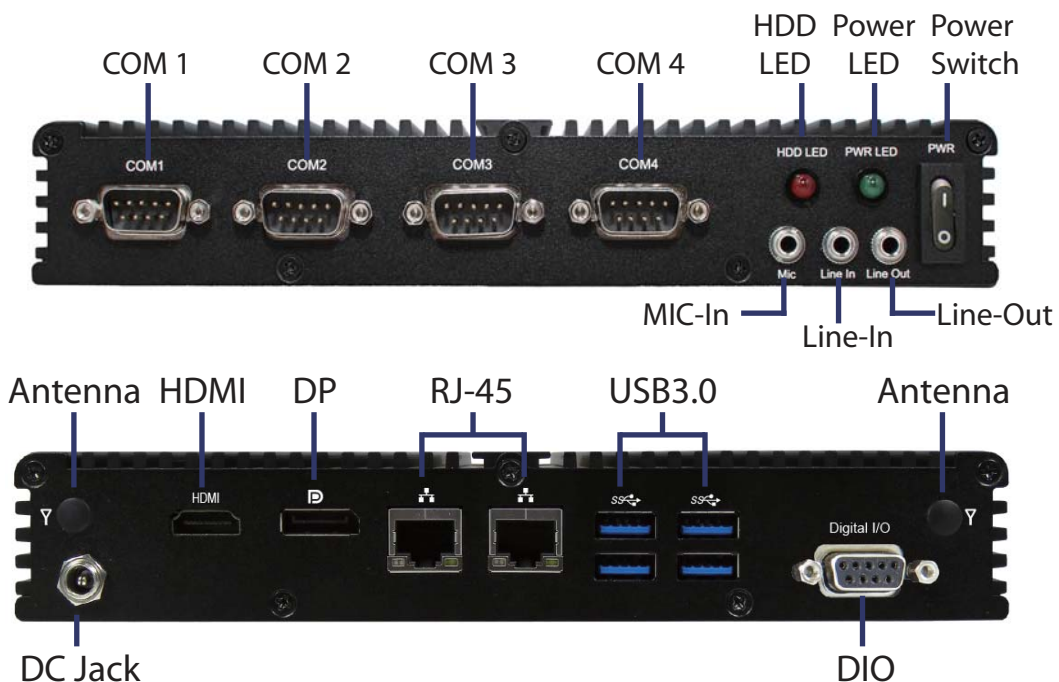
Enclosed in a high reliable rugged case integrated with passive cooling design, the QBOX-2080 Series not only has great resistance to EMI, cold, heat or other harsh conditions, but also offers noise-free operation for a pleasant environment. In addition, an extended temperature model is offered for this series and allows operation under extreme temperatures.

## Technical Information

<b>Construction</b>	Aluminum extrusion
<b>System Board</b>	Intel® Braswell Celeron® N3160 SoC Processor
<b>Memory</b>	1x DDR3L SO-DIMM Socket up to 8GB
<b>BIOS</b>	AMI uEFI BIOS
<b>Front I/O Panel</b>	3 x Audio Jack for Line-out, Line-in & MIC-In 4 x COM (COM1~2 support RS-232/422/485) 1 x Power Switch 1 x Power LED 1 x HDD LED
<b>Rear I/O Panel</b>	4x USB3.0 1x DP 1x HDMI 2x RJ-45 (2x Intel® I210-AT) 1x 8-bit DIO 1x DC Jack 2x Antenna
<b>Storage</b>	1x 2.5" SATA HDD / SSD 1 x mSATA (optional, mixed w/ mPCIe)

<b>Expansion</b>	2x mPCIe 1x SIM card slot (optional)
<b>Power Supply</b>	DC 12V Input
<b>Hardware Monitor</b>	Voltages monitoring Temperature monitoring
<b>Watchdog Timer</b>	Programmable WDT to generate System reset event
<b>TPM</b>	Option Intersil SLB9635 for TPM support
<b>OS Support</b>	Windows 7, Windows 8, Windows 10, Linux
<b>Dimension</b>	210 x 135 x 35 mm / 8.27" x 5.31" x 1.38" (W x D x H)
<b>Weight</b>	1.2 kg / 2.65 lb
<b>Environment</b>	Operating: 0°C ~ 50°C / 32°F ~ 122°F (Standard) -20°C ~ 70°C / -4°F ~ 158°F (Extended) Storage: -20°C ~ 80°C / -4°F ~ 176°F Humidity: 0% ~ 90%
<b>Certification</b>	CE, FCC Class A

## QBOX-2080 Series I/Os



 **Ordering Information**

Article	Part No.	Description
QBOX-2080	SQBX208000010T00	Intel® Celeron® Quad Core N3160 SoC Processor, 1x DDR3L SO-DIMM, 1x HDMI, 1x DP, 4x USB3.0, 4x COM, 1x DIO, 2x LAN, 2x mPCIe, <b>Operating Temp.: 0°C ~ 50°C</b>
QBOX-2080T	SQBX208T00010T00	Intel® Celeron® Quad Core N3160 SoC Processor, 1x DDR3L SO-DIMM, 1x HDMI, 1x DP, 4x USB3.0, 4x COM, 1x DIO, 2x LAN, 2x mPCIe, <b>Operating Temp.: -20°C ~ 70°C</b>

