

# BOXER-6641

## Fanless Embedded Box PC with Socket Type 8th Generation Intel®

### Features

- Available with two chipsets
- Desktop Grade Socket Type Core™ - i3/i5/i7/Xeon®/ Pentium®/ Celeron®
- Supports DDR4 ECC or Non-ECC SODIMM
- Operating temperature from -20°C to 55°C

### System

<b>CPU</b>	Intel® Xeon® E-2124G Intel® Core™ i7-8700T Intel® Core™ i5-8500T Intel® Core™ i3-8100T Intel® Pentium® G5400T Intel® Celeron® G4900T
------------	---

<b>Chipset</b>	Intel® C246/H310
----------------	------------------

<b>Memory</b>	2x DDR4- 2133 SO-DIMM slot, up to 64GB, ECC or Non-ECC Support
---------------	--

<b>Storage Capacity</b>	1x 2.5" SATA HDD/SSD Bay (Optional x 2)
-------------------------	---

<b>Display Interface</b>	2x HDMI (C246), 2x HDMI (H310)
--------------------------	--------------------------------

<b>Operating System</b>	Windows® 10 64-bit Linux Ubuntu 18.04
-------------------------	--

<b>Indicator</b>	1x HDD LED 1x SYS LED
------------------	--------------------------

<b>Expansion Slots</b>	2x Fullsize Mini card (w/ SIM Slot x 1, optional for mSATA x 1)
------------------------	---

### Interface

<b>USB</b>	4x USB 3.2, 4x USB 2.0 (H310) 8x USB 3.2 (C246)
------------	--

<b>Ethernet</b>	4x RJ-45 for GbE LAN (i211 x 3, i219 x 1)
-----------------	---

<b>Serial Ports</b>	6x DB-9 for RS-232/422/485
---------------------	----------------------------

<b>Video</b>	2x HDMI
--------------	---------

<b>Audio</b>	1x Audio Mic-in, Line-out
--------------	---------------------------

<b>Other</b>	1x 3-Pin DC power input
--------------	-------------------------

### Mechanical

<b>Power Input</b>	10 ~ 35VDC
--------------------	------------

<b>Mounting</b>	Wallmount
-----------------	-----------

<b>Dimensions</b>	264.2 x 80.92 x 156.2 mm
-------------------	--------------------------

<b>Weight</b>	6.2kg (Net weight), 7.0kg (Gross weight)
---------------	--

### Environment

<b>Operating Temp.</b>	-4°F ~ 131°F (-20°C ~ 55°C) with 0.5 m/s airflow, with TDP 35W CPU -4°F ~ 113°F (-20°C ~ 45°C) with 0.5 m/s airflow - with Xeon E-2124G CPU (TDP 71W)
------------------------	--

<b>Storage Temp.</b>	-40°C ~ 80°C
----------------------	--------------

<b>Humidity</b>	5 ~ 95% @ 40°C, non-condensing
-----------------	--------------------------------

<b>Anti-Vibration</b>	2 Grms/ 5 ~ 500Hz/ operation - SSD/mSATA 1 Grms/ 5 ~ 500Hz/ operation - HDD
-----------------------	--

<b>Certification</b>	CE/ FCC Class A
----------------------	-----------------

Front

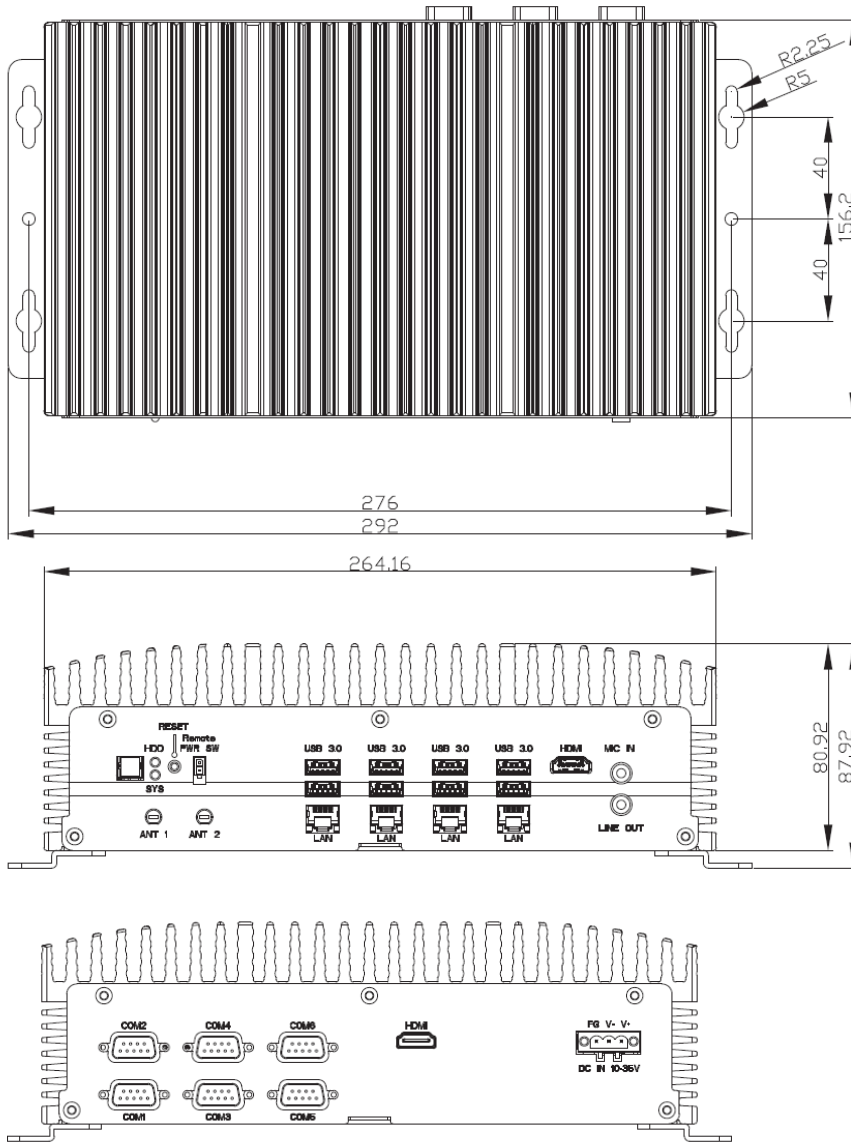


Rear

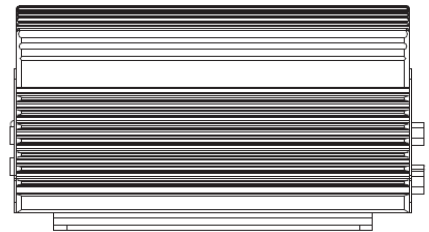


# BOXER-6641

## Technical drawing



Unit:mm



## Ordering information

Modells	LAN	USB 3.2 Gen1	USB 2.0	RS-232/422/485	Audio	Storage	Display	Expansion	Mounting	Power	Operation temp
<b>BOXER-6641-A1-1010 (H310)</b>	4	4	3	6x RS-232/422/485	Mic-In Line-out	1x Internal 2.5" SATA Drive bay	2x HDMI	2x Full-size Mini-Card 1x SIM	Wallmount	10-35V	-20°C~55°C -20°C~45°C with Xeon E-2124G
<b>BOXER-6641-A2-1010 (C246)</b>	4	8	-	6x RS-232/422/485	Mic-In Line-out	1x Internal 2.5" SATA Drive bay	2x HDMI	2x Full-size Mini-Card 1x SIM	Wallmount	10-35V	-20°C~55°C -20°C~45°C with Xeon E-2124G