

# COMEX-TESTKIT-1

## Carrier Board

Micro-ATX Form Factor, COM-Express Type 6  
so that customer can evaluate  
many interfaces

 **CONTEC** Technology for a better life



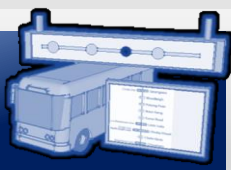
### FEATURES

- **Revision 3.0** (comply with newer revision)
- **Type 6** (6 is for standard, whereas 7 is for server and 10 is for mobile)
- **Supporting Basic and Compact form factors**
- **Micro-ATX dimension**
- **Port 80/81 debug port**
- **Mini-PCIe slots & M.2 Key B support**
- **Operating in temperatures ranging from 0 to 60°C**
- **Accommodates both ATX and DC power inputs for versatile applications.**

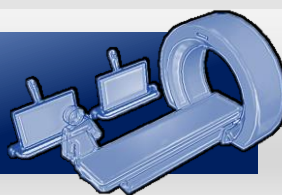
<https://www.contec.com/>

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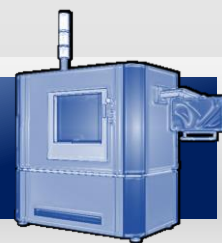
Efficiency in  
Transportation



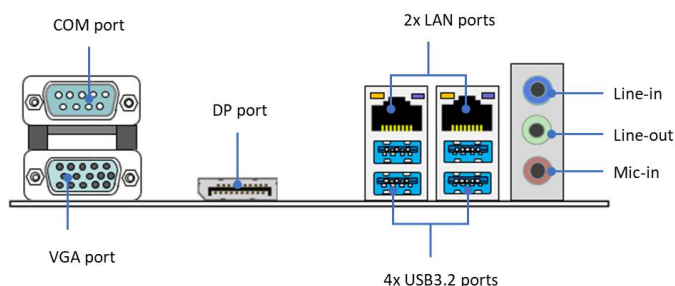
Medical  
Healthcare



Automotive  
Industry



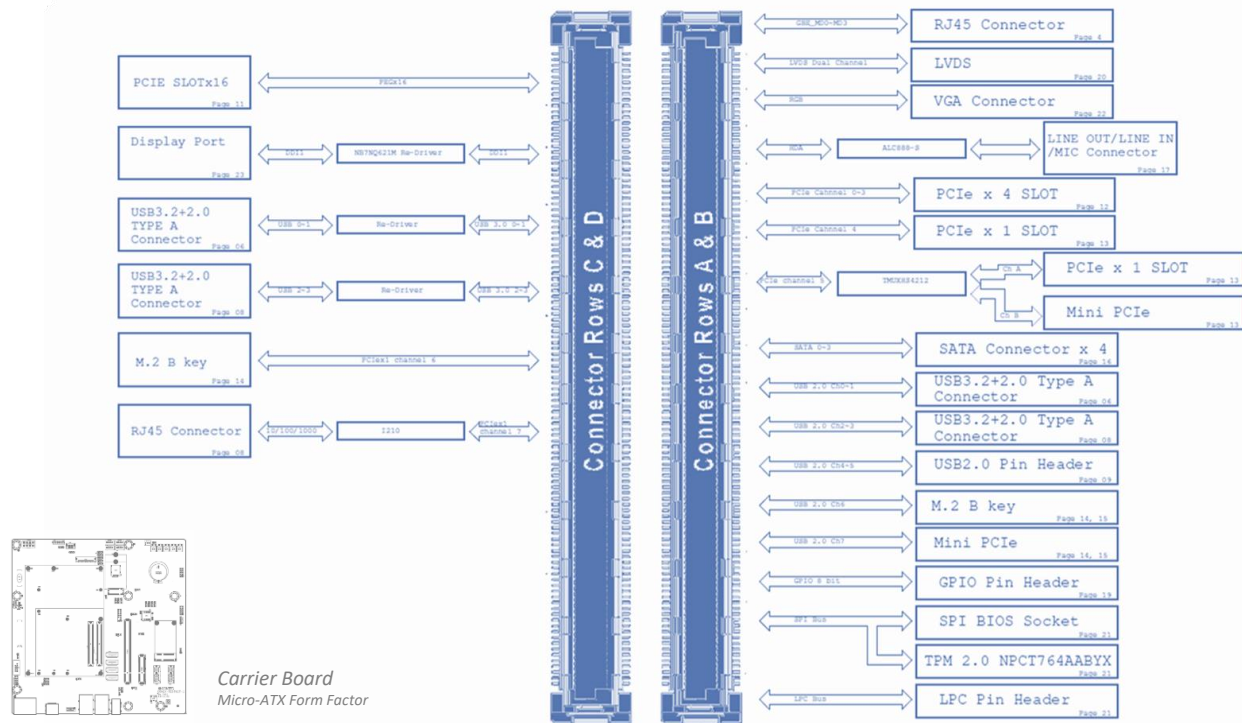
### I/O Panel View



### Application

The COMEX-TESTKIT-1 carrier Board excels in manufacturing, healthcare, and digital signage. With advanced features, rich connectivity, and robust reliability, it epitomizes efficiency across diverse industries.

## MECHANICAL DIMENSIONS



## Specifications

<b>Model No.</b>	COMEX-TESTKIT-1 (TBD)
<b>Socket</b>	COM-Express Type 6
<b>Audio</b>	Audio Jack Line-in/ Line-out/ Mic-in (Rear I/O)
<b>Storage Devices</b>	4 x SATA 3.0, 4x SATA Power Connector
<b>Expansion Interface</b>	1 x Full-sized Mini PCIe 1 x M.2 Key B Type 3052 with LTE nano-SIM holder 1 x PCIe x16 1 x PCIe x4 2 x PCIe x1
<b>Ethernet</b>	2 x 10/100/1000 BASE-Ton internal pin header by Intel®i210-AT controller
<b>USB Port</b>	4 x USB 3.2 Gen2 ports on rear I/O (Type A connector) 2 x USB 2.0 port by Internal pin header
<b>Serial Port</b>	1 x RS-232/422/485 port by Internal pin header 1 x RS-232 port on rear I/O
<b>GPIO</b>	8-bit general purpose input output I/O connector by Internal pin header
<b>Display Interface</b>	1 x DisplayPort 1.4 on rear I/O 1 x VGA on rear I/O 1 x LVDS support Dual channel 24 bits
<b>TPM</b>	Onboard TPM 2.0
<b>Front panel I/F</b>	Power Supply Button , Reset , SLP by Internal pin header
<b>Power Supply</b>	12VDC±10% , 2x4pin power connector
<b>Environment</b>	Operation Temperature: 0 to 60°C (TBD) Storage Temperature: -40 to 80 °C (TBD) Relative Humidity: 5% to 95%, noncondensing

## Ordering Guide

● <b>COMEX-TESTKIT-1</b>	Supporting Basic and Compact form factors with Micro-ATX, COM-Express Type 6
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