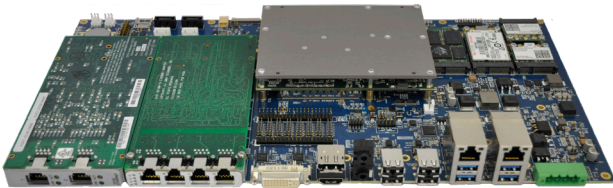# Connect Tech

Connect Tech's COM Express® Type 6 PMC/XMC Carrier Board is a highly advanced, feature-rich carrier.

This carrier board offers PMC/XMC and MiniPCIe expansion, features USB 3.0 and DisplayPort, and supports the latest Intel® processor sets.

COM Express® Type 6 PMC/XMC Carrier Board is ideal for military and aerospace applications.

FEATURES

✓ PMC/XMC & Mini-PCIe Expansion

✓ Supports the latest high performance Intel® processors

✓ Designed for installation in Rack Mount Chassis

✓ Type 6 Compatibility

✓ Extended Temperature Range: -40°C to +85°C (-40°F to +185°F)

SPECIFICATIONS

Compatibility	COM Express Type 6 compatibility	**Rack Mount**	Designed to fit into 1U or 2U Rack Mount Chassis
PMC/XMC Expansion	2x PMC/XMC Slots (PCI/PCIe Devices can be used)	**MiniPCIe Expansion**	4x Mini PCI Express Slots
Storage	4 SATA Ports: 2x mSATA, 2x on-board connectors	**USB**	8 USB Ports: 4x USB 3.0, 4x USB 2.0
Network	2x Gigabit (10/100/1000) Ethernet Ports	**GPIO**	8-bit GPIO
Display Interfaces	5 Display Interfaces: HDMI, DisplayPort, DVI, LVDS, VGA	**Audio**	2x 10/100/1000 Ethernet Ports
Serial	9 Serial Ports: 8x Hardware Selectable RS-232/485 Ports, 1x RS-232 Only Port	**Power**	Single DC Input Source Wide Input Voltage Range (+9V to +36V)
Temperature	-40°C to 85°C (-40°F to 185°F)	**Dimensions**	381mm x 190.5mm (15" x 7.5")
Support	Free technical support		

CARRIER BOARD COMPARISON

Part #	CCG007	CCG013	CCG016
Product Name	COM Express® PMC/XMC Type 6	COM Express® PMC/XMC Type 6 Ultra Lite	COM Express® PMC/XMC Type 6 Lite
Dimensions	381mm x 190.5mm (15" x 7.5")	170mm x 165mm (6.69" x 6.50")	195mm x 190mm (7.68" x 7.48")
Mini PCI Express	4 slots	2 slots	2 slots
PMC/XMC	2 slots	2 slots	2 slots
PMC/XMC Cooling	-	-	✓
HDMI	✓	-	✓
DisplayPort	1	2	2* (HDMI/DP switchable)
DVI	✓	-	-
LVDS	✓	✓	✓
VGA	✓	✓	✓
Gigabit Ethernet	2	2	2
USB 2.0/3.0	8/4	6/4	6/4
USB Client Port	1	1	1
Serial RS-232 / RS-485	9/8	1/0	1/0
HD Audio	✓	✓	✓
GPIO	8 bits	8 bits	8 bits
SATA	2	2	2
mSATA	2	2	2
SD Card	✓	✓	✓
Input Power Options	+9V to +36V	+12V to +48V	+12V to +48V
Temperature	-40℃ to 85℃ (-40°F to 185°F)	-40℃ to 85℃ (-40°F to 185°F)	-40℃ to 85℃ (-40°F to 185°F)

*Display ++ can be used for Display Port, HDMI, DVI, or VGA