Connect Tech Inc.

COM Express® Type 6 PMC/XMC Carrier

Connect Tech's COM Express® Type 6 PMC/XMC Carrier Board is a highly advanced, feature-rich carrier which offers PMC/XMC and Mini-PCIe expansion. This carrier board features USB 3.0 and DisplayPort, and supports the latest high performance processors including 3rd Generation Intel® Core™ i7. COM Express® Type 6 PMC/XMC Carrier Board is ideal for military and aerospace applications.

COM ✦ Express®

Product Name: COM Express® Type 6 PMC/XMC Carrier
Part Number: CCG007

Specifications

Compatibility	COM Express Type 6 compatibility
Rack Mount	Designed to fit into 1U or 2U Rack Mount Chassis
PMC/XMC Expansion	2 x PMC/XMC Slots (PCI/PCIe Devices can be used)
Mini-PCIe Expansion	4 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	HD Audio: 1x Input, 1x Output
Serial	9 Serial Ports: 8 x Hardware Selectable RS-232/485 Ports, 1 x RS-232 Only Port
Power	Single DC Input Source Wide Input Voltage Range (+9V to +36V)
Temperature	-40℃ to +85℃/-40°F to 185°F
Dimensions	381 x 190.5mm
Support	Free technical support

FEATURES

✓PMC/XMC & Mini-PCIe Expansion

✓Type 6 Compatibility

✓Supports most current processors including 3rd Generation Intel® Core™ i7

✓Extended Temperature Range

✓Designed for installation in Rack Mount Chassis

RoHS

Specifications subject to change without notice.
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COM Express Carrier Board Comparison

Specifications	COM Express® Type 2	COM Express® Ultra Lite Type 6	COM Express® PMC/XMC Type 6
Mini PCI Express	-	2 slots	4 slots
PMC/XMC	-	-	2 slots
HDMI	✓	✓	✓
DisplayPort	-	✓	✓
DVI	-	-	✓
LVDS	✓	✓	✓
VGA	✓	✓	✓
Gigabit Ethernet	1	2	2
USB 2.0/3.0	4/0	6/4	8/4
USB Client Port	-	1	1
Serial RS-232 / RS-485	2/2	3/2	9/8
HD Audio	✓	✓	✓
GPIO	8 bits	8 bits	8 bits
SATA	2	2	2
mSATA	1	2	2
Compact Flash	1	-	-
SD Card	-	✓	✓
Input Power Options	+12V or ATX	+12V only	+9V to +36V
PCI-104 / PCIe/104	Optional	-	-
Dimensions	175 x 115mm	125 x 95mm	381 x 190.5mm
Temperature	-30℃ to 80℃	-40℃ to +85℃	-40℃ to +85℃

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