



COM Express® Type 6 Ultra Lite Carrier

Connect Tech's COM Express® Type 6 Ultra Lite Carrier Board is a compact carrier board which matches the dimensions of a COM Express® Basic module. COM Express® Type 6 Ultra Lite Carrier Board is ideal for space constrained applications, and supports extended temperature ranges of -40°C to +85°C.



Product Name: COM Express® Type 6 Ultra Lite Carrier
Part Number: CCG008



Specifications

Compatibility	COM Express Type 6 Modules
SD Card	Micro SD Card Slot
Mini-PCIe Expansion	2 Mini PCI Express Slots
Storage	4 SATA Ports: 2x mSATA, 2x on-board connectors
USB	6 USB Ports: 4 USB 3.0 ports available via dual front panel stacked connectors, 2 USB 2.0 ports available via DIL header
Network	2 Gigabit (10/100/1000) Ethernet Ports
GPIO	8-bit GPIO
Display Interfaces	4 Display Interfaces: HDMI, DisplayPort, LVDS & VGA
Audio	2x Stereo 1/8" Jacks, 1x Input, 1x Output
Serial	5 Serial Ports: 1x RS-232 from COM Express, and 2x RS-232 & 2x RS-485 from on board PCIe UART
Power	Single +12V DC Input
Temperature	-40°C to +85°C/-40°F to 185°F
Dimensions	125mm x 95 mm
Support	Free technical support

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°C to 80°C	-40°C to +85°C	-40°C to +85°C

FEATURES

- ✓ COM Express type 6 compatibility
- ✓ Mini-PCIe Expansion
- ✓ Supports most current processors including 3rd Generation Intel® Core™ i7
- ✓ Extended Temperature Range

Connect Tech Inc.

42 Arrow Road, Guelph ON Canada
Tel: 519.836.1291 Fax: 519.836.4878
Toll: 800.426.8979 (North America)
Email: sales@connecttech.com
www.connecttech.com