

XPand1404

Development Platform for X-ES COM Express® Basic (Type 7) Modules

- ▶ Single COM Express® site with AB and CD connectors
- ▶ For COM Express® Basic (Type 7) module development
- ▶ One 10/100/1000BASE-T Gigabit Ethernet connector
- ▶ Four USB 3.0 connectors
- ▶ Two micro-DB-9 serial connectors
- ▶ Two 10GBASE-T Ethernet ports via XIt3002 rear transition module
- ▶ Four PCIe Edge card sites, available as one x16, one x8, one x4, and one x2
- ▶ Two internal SATA connectors
- ▶ Full I/O access via rear panel I/O cutout
- ▶ Standard ATX power supply
- ▶ Headers for easy access to internal buses (LPC, I²C, SMBus, SPI)



XPand1404

The XPand1404 COM Express® development platform targets the X-ES XPedite7650 and other COM Express® Basic (Type 7) modules to enable early development and rapid prototyping. It provides a convenient desktop setup with standard I/O connectors. The XPand1404 provides access to the I/O available on the COM Express® module. With the XPand1404, the transition from development to the target system or custom COM Express® carrier card is made easy.

The XPand1404 provides basic COM Express® I/O via fixed connectors, which are accessible through the back panel of its ATX chassis. The open-sided design and clear panels support access to internal I/O for easy and rapid development.

Integrated fans provide ample airflow for even the most powerful modules.

X-ES

Extreme Engineering Solutions

...Always Fast

Extreme Engineering Solutions

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COM Express®

- Supports COM Express® Basic (Type 7) modules
- Carrier card provides cutout for access to debug COM Express® modules

Internal I/O

- GPIO
- I²C / SMBus
- Two SATA connectors
- JTAG
- SPI programming header
- LPC header

COM Express® Rear I/O

- One RJ-45 Gigabit Ethernet connector
- Four USB 3.0 connectors
- Two micro-DB-9 serial connectors
- Four PCIe Edge card sites, available as one x16, one x8, one x4, and one x2
- One XIt3002 rear transition module to convert two 10GBASE-KR to 10GBASE-T

