



ADLINK
TECHNOLOGY INC.

Computer-on-Modules

- > COM Express®
- > ETX®



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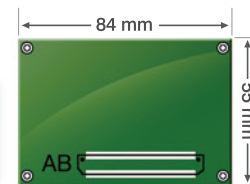
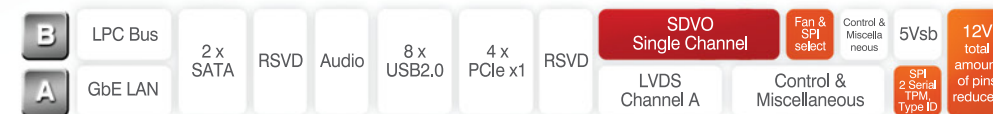


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COM Express® Type 10

- Frees up pins reserved for SATA and PCIe
- SDVO support
- SPI Interface support

COM Express | COM.0 rev 2.0 | Type 10



COM Express | COM.0 rev 1.0 | Type 1



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New with COM.0 Rev. 2.0

Type 6 and Type 10 Pinouts

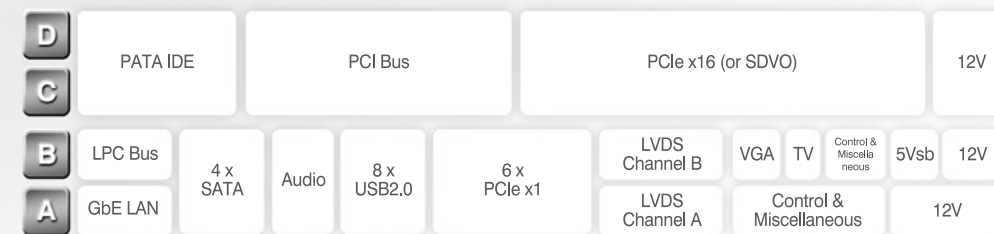
COM Express® Type 6

- Based on popular Type 2 pinout
- Additional PCI Express lanes
- Digital Display Interfaces support
- Reserved pins for future technologies

COM Express | COM.0 rev 2.0 | Type 6



COM Express | COM.0 rev 1.0 | Type 2



ADLINK COM Express Family

Type 6

Express-HR

COM Express® Type 6 Module with Intel® Core™ i7/i5 Processor and QM67 Chipset



NEW

- Up to 16GB Dual Channel DDR3 SDRAM at 1333MHz
- Three Digital Display Interfaces (DDI) for DisplayPort/HDMI/DVI/SDVO
- Seven PCIe x1, one PCIe x16 (Gen2) for graphics (or general purpose x8/4/1)

Express-CB/CBE

COM Express® Type 2 Module with Intel® Core™ i7/i5/i3 Processor and QM57 Chipset



- Up to 8 GB Dual Channel DDR3 SDRAM at 1066 MHz (optional ECC)
- Six PCIe x1, one PCIe x16 for graphics (or general purpose x8/4/1)
- 18/24-bit LVDS and Embedded DisplayPort

Express-MV

COM Express® Type 2 Module with Intel® Core™ 2 Duo Processor and GS45/ICH9M-SFF Chipset



- Dual SODIMM for up to 8 GB DDR3 at 1066 MHz
- Five PCIe x1, one PCIe x16 for graphics (or general purpose x8, x4 or x1)
- Single/dual channel 18/24-bit LVDS and TV-out (SDTV and HDTV)

Type 2

Express-MG

COM Express® Type 2 Module with Intel® Core™ 2 Duo Processor and GM45/ICH9M Chipset



- Dual SODIMM for up to 8 GB DDR3 at 1066 MHz
- Five PCIe x1, one PCIe x16 for graphics (or general purpose x8, x4 or x1)
- Single/dual channel 18/24-bit LVDS and TV-out (SDTV and HDTV)

Express-LPC

Compact COM Express® Type 2 Module with Single/Dual Core Intel® Atom™ Processor and ICH8M Chipset



- Up to 4 GB DDR3 SDRAM at 800 MHz
- Five free PCIe x1 lanes (optional PCIe x4)
- VGA and LVDS support

Express-ATC

Compact COM Express® Type 2 Module with Intel® Atom™ Processor N270 and 945GSE/ICH7-M Chipset



- SODIMM for up to 2 GB DDR2 at 533 MHz
- Three PCIe x1 (optional 4 x1 or 1 x4)
- High resolution VGA, single/dual 18-bit LVDS and TV-out (SDTV and HDTV)

Type 1 & Type 10

nanoX-TC

Mini size COM Express® Type 10 Module with Intel® Atom™ Processor E6xx and EG20T PCH



NEW

- Up to 2 GB soldered DDR2 SDRAM at 800 MHz
- 24-bit LVDS and SDVO support
- 4x PCI Express x1 lanes

nanoX-ML

Mini size COM Express® Type 1 Module with Intel® Atom™ Processor Z5xx and US15W Chipset



- One PCIe x1 (opt. 2 without LAN)
- 18/24-bit LVDS and SDVO
- GbE LAN, SATA, USB 2.0, SDIO, LPC

Starter Kits

COM Express Type 6 Starter Kit

- COM Express® Type 6 module
- CPU, memory
- Express-BASE6 Reference Carrier Board
- Thermal solution (heatspreader and heatsink)
- Schematics, Design Guide, and User Manuals
- ADLINK USB stick with Documentation, Drivers, BSPs, Libraries



COM Express Type 2 Starter Kit

- COM Express® Type 2 module
- CPU, memory
- Express-BASE Reference Carrier Board
- Thermal solution (heatspreader and heatsink)
- Schematics, Design Guide, and User Manuals
- ADLINK USB stick with Documentation, Drivers, BSPs, Libraries



nanoX Starter Kit

- COM Express® Type 1/10 module
- Thermal solution (heatspreader or heatsink)
- nanoX-BASE Reference Carrier Board
- LVDS flat panel evaluation kit
- Schematics, Design Guide, and User Manuals
- ADLINK USB stick with Documentation, Drivers, BSPs, Libraries

