

CT-BTA01

C&T COM Express™ Type 10 Carrier Board



Board Level
COM Express

Board Level
3.5" SBC

Board Level
Industrial M/B

Robust System

Intelligent System

Chipset

Super I/O Audio	NUVOTON W83627DHG-P
DIO	NXP PCA9535BS
Audio	Realtek ALC886
ROM	1 x SPI Flash ROM 1 x 12C EEPROM

COMe Connectors Interface

COM Express Type 10 connector	1 x 1-ch 18/24-bit LVDS
ROW A & B	1 x VGA 1 x DDI 2 x SATA ports 4 x PCIe1 6 x USB2.0 ports 2 x USB3.0 ports 1 x HD audio interface 1 x LPC interface 1 x GbE 1 x I2C 1 x SMBus 1 x SPI 1 x 8-bit GPIO 2 x UART

Mechanical & Environmental

Power Management	ACPI 3.0a
Power	24-pin & 4-pin ATX power input AT/ATX supported
Operating Temp	0°C ~ 60°C
Operating Humidity	10% ~ 90% relative humidity, non-condensing
Dimension	ATX, 304.8mm x 243.84mm

I/O

Internal I/O	1 x 2x17-box header for 1-ch 24-bit LVDS 1 x 2x4-box header for LVDS backlight control 1 x PCIe16 slot for one DDI port 3 x PCIe1 slots 1 x mini-PCIe slot 1 x SIM card connector 1 x SD card connector 2 x 7-pin SATA connectors 3 x 4-pin fan connectors 1 x 4-pin connector for CD-ROM audio input 1 x 2x4-pin header for AC97 audio interface 1 x 2x5-box header for COM2 2 x 2x5-pin headers for 2 x UART ports 1 x 2x4-pin header for 8-bit DIO 1 x 2x5-pin header for one USB2.0 port 1 x 1x4-pin header for SMBus interface 1 x 1x4-pin header for I2C interface 1 x 2x10-pin header for front panel
Rear I/O	1 x PS/2 keyboard and mouse 1 x DB-15 for VGA 1 x DB-9 for COM1 1 x RJ-45 for Ethernet 2 x USB3.0 ports 4 x USB2.0 ports 1 x S/PDIF 1 x audio connector with 6 x jacks

Ordering Information

CT-BTA01	C&T COM Express type 10 carrier board
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Optional

CT-CCVAX	Intel® Atom D2000/N2000 Series COM Express™ Type 10 Module
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