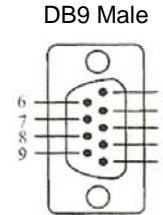


USB to Serial Adapter - Thunderlinx  
Part no. THX-1000



- New generation FTDI processor
- Optimized circuitry for better reliability
- Improved electrostatic protection
- Improved noise reduction and filtering
- Provides 5V AUX power on pin 9
- True high speed baud rates up to 921600bps
- High quality components
- Very user friendly
- Multiple Indication LED lights
- Port powered USB to serial adapter
- WHQL compliant COM drivers
- Hexagonal nut stand-off nuts
- Auto detection of data speed

Pin no.	RS232 DB9 Male
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI



Please download drivers for  
this product at:

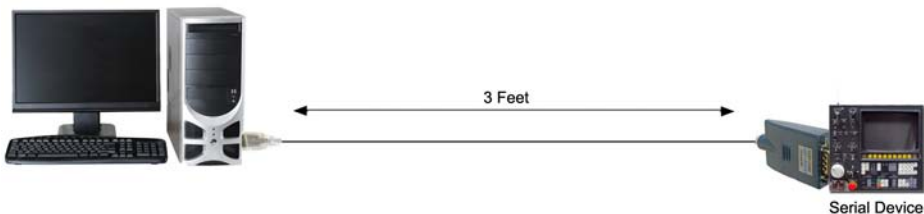
[www.USconverters.com](http://www.USconverters.com)

To access technical support, please visit the U.S. Converters website at:  
[www.USconverters.com](http://www.USconverters.com)  
Here you will find:

- Latest drivers and updates for download
- Technical tips
- Documentation
- Configuration support
- and much more...

Feel free to contact our technical support team at [mail@usconverters.com](mailto:mail@usconverters.com) with any issues.  
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Application example:



SPECIFICATIONS	
Model number	THX-1000
Operating system	<ul style="list-style-type: none"> <li>• Windows 10, 8.1, 8 (32/64-bit), Windows Server 2012 / R2, Windows 7 (32/64-bit), Windows Server 2008 R2, Vista (32/64-bit), Windows Server 2008 (32/64-bit), XP, Windows Server 2003 (32/64-bit), 2000, (all WHQL compliant). Windows RT as D2XX drivers only.</li> <li>• Windows CE v4.2 - 5.2, 6.0, 7.0 and 2013 including: Windows Mobile 2003, 2003 SE, Windows Mobile 5, 6, 6.1 and 6.5</li> <li>• Linux (built into kernel 3.0.0-19 and above)</li> <li>• Mac OS 8, OS 9, OS X 10.3 to 10.9 and above</li> <li>• Android</li> </ul>
Indication LEDs	Power, TX, RX, COM Port Ready, AUX Limit
Baud rate	300 – 921.600bps, auto detection
Power	Port-powered from USB port
Chipset	FTDI FT231X
Serial driver	Exar SP3243EUEA-L
Interface	RS232: DB9 male connector USB: Male type A
RS232 output power	~5.7VDC
Pin 9 output power	5VDC max limited at 450mA
Parity	None, Odd, Even, Mark, Space
Stop Bits	1, 2
Data Bits	7, 8
RS232 signals	DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI
USB signals	VCC, DATA+, DATA-, GND, FG
Buffer	Internal TX/RX 512/512 Bytes
Cable length	3 feet
Working mode	Asynchronous, point-to-point
Current draw	<100mA
Standards	Serial: EIA/TIA RS-232C USB: v1.0, 1.1, 2.0
ESD protection	Up to 15KV, 600w/ms
Certifications	CE, FCC, RoHS
Operating Temp.	-40 to 85°C
Operating humidity	5% To 95% - No Condensation
Dimensions	5.90"(L) x 2.61"(W) x 1.02"(H)
Warranty	1-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050