

NEXT GENERATION SERIAL SERVERS



## CONNECTPORT® LTS 8/16/32

Next generation serial servers support GB Ethernet and IPv6 networks. Optional ZigBee and USB bring wireless capabilities into multi-port serial server environments.

The ConnectPort LTS terminal server family delivers secure, reliable, flexible and cost-effective RS-232/422/485 serial-to-Ethernet connectivity. Targeted serial-to-IP applications include data center console port management, security, property management, point-of-sale, data acquisition, industrial automation, power utilities, logistics and others.

Features include Dual GB Ethernet for extreme reliability, an SD memory slot for data storage, and a large an LCD screen for easy configuration, monitoring and diagnostics. With the ConnectPort LTS W model, Digi offers the only wireless

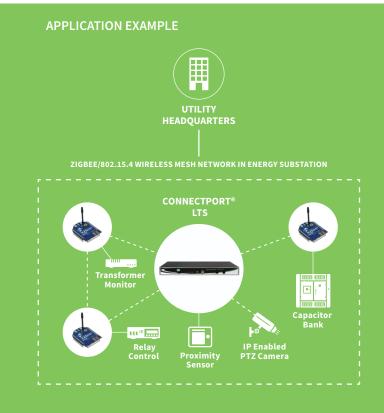
terminal server with an internal secure modem, USB 2.0 ports for expandability and an XBee® interface for ZigBee communication.

Highly advanced software features include an IPv4/IPv6 dual stack, user port sharing, port logging, SSHv2 and SSL. Python support and a Software Development Kit (SDK) make this versatile Linux-based appliance a good platform for programming.

#### **BENEFITS**

- Dual GB Ethernet ports for routing
- Software selectable RS-232/422/485 (MEI models only) for industrial applications
- LCD display for status monitoring, diagnostics and configuration
- SD memory slot for data storage, supporting SD and HCSD
- W models offer USB 2.0 ports for expandability, internal modem and XBee socket for ZigBee communications
- Dual power option on 16-port MEI model

# RELATED PRODUCTS PortServer® ConnectPort® TS 8/16 TS 4x4 Passport® Cables and Accessories



PROCESSOR   Prescale MPCESSA, 400 MHz  PROUGHPUT Up to 230 kbps  #EMORY 128 MB SDRAM / 34 MB Flash   256 MB SDRAM / 34 MB Flash   25	SPECIFICATIONS	ConnectPort® LTS 8 MEI	ConnectPort® LTS 16/16 MEI/16 W	ConnectPort® LTS 32/32MEI	
NEMORY   128 MB 50RAM / 34 MB Flash   256 M	FEATURES				
MEMORY   128 Mt SDRAM / 34 Mt Flash   256 Mt SDRAM / 34 Mt Flash   256 Mt SDRAM / 34 Mt Flash   AMAGEMENT   HTTPHTTPS, CLI or teinet, SNMP read and write	PROCESSOR	Freescale MPC8314, 400 MHz			
ANAGEMENT HITPATTPS, CIL or telnet, SNIMP read and write  AK, HP-UX, Solaris, Linux*, Windows* 2000, Windows* 71, Windows* 8, Windows* 81, Windows* 10, Windows Server* 2015, Windows* 81, Windows* 91, Windows*	THROUGHPUT	Up to 230 Kbps			
AIX, HP LIX, Solaris, Linux*, Windows* 2000, Windows Server* 2015, Note: TCP/UDP socket services are operating system independent. Windows Server* 2015, Windows Server* 2015, Note: TCP/UDP socket services are operating system independent. SOFTWARE  RealPort*, Python, Port sharing (sockets only, not for RealPort), Port logging (online and offline), Line printer Daemon  TCP/UDP, DLCP, telnet, Reverse telnets/SSSL, IP+4/IP+6  SECURITY  Encrypted RealPort, SSHv2, TLS/SSL  LEDS  Serial ports: Ty/Rx per port; therenet: Link/Activity, Power, Ready, Diagnostic; Optional modern: DTR/DCD  DIMENSIONS  LENGTH X WIDTH X HEIGHT)  189 mm x 271 mm x 44 mm  (7.4 in x 10.7 in x 1.7 in)  189 mm x 271 mm x 44 mm  (8.7 in x 17.4 in x 1.8 in)  WEIGHT  1230 g (2.4 lb)  2000 g (3.7 lb), 2690 g (5.9 lb)  dual power model  NTERFACES  SERIAL PORTS  8 RS 232/422/485 software selectable MEI  16 RS 233 or RS 232/422/485  Software selectable (MEI models)  SERIAL CONNECTOR  Digi 10-pin  STHEENST PHYSICAL LAYER  Dual 10/100/1000 Mbps auto sensing; Pull of half duplex  CONSOLE PORTS  1.0-pin R.1-45 serial port for configuration  LISE PORTS  2. USB 2.0 connectors; 500 mA max each port (W model only)  RSPAMA CONNECTOR  1. for internal modern (W model only)  2. Layer Developed (W model only)  2. Agist 200 C  DOWER CONSUMPTION  1. Bull max  3. 0W	MEMORY	128 MB SDRAM / 34 MB Flash	256 MB SDRAM / 34 MB Flash	256 MB SDRAM / 34 MB Flash	
Windows Server* 2012, Windows Server* 2012, Windows Server* 2015, Note: TCP/UDP socket services are operating system independent.	MANAGEMENT	HTTP/HTTPS, CLI or telnet, SNMP read and write			
### TCF/UPP, DHCP, telnet, Reverse telnet/SSHv2/SSL, IP-v4/IPv6 #### SECURITY	OPERATING SYSTEMS	AIX, HP-UX, Solaris, Linux®, Windows® 2000, Windows® XP, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10, Windows Server® 2003, Windows Server® 2012, Windows Server 2016. Note: TCP/UDP socket services are operating system independent.			
Encrypted RealPort, SSHv2, TLS/SSL	SOFTWARE	RealPort®, Python, Port sharing (sockets only, not for RealPort), Port logging (online and offline), Line printer Daemon			
Serial ports: Ty/Rx per port; Ethernet: Link/Activity, Power, Ready, Diagnostic; Optional mode:m: DTR/DCD	PROTOCOLS	TCP/UDP, DHCP, telnet, Reverse telnet/SSHv2/SSL, IPv4/IPv6			
189 mm x 271 mm x 44 mm	SECURITY	Encrypted RealPort, SSHv2, TLS/SSL			
	LEDS	Serial ports: Tx/Rx per port; Ethernet: Link/Activity, Power, Ready, Diagnostic; Optional modem: DTR/DCD			
NEIGHT 1550 g (3.4-1b) dual power model dual power dual power dual power dual power selectable (MEI models) software-selectable	DIMENSIONS (LENGTH X WIDTH X HEIGHT)				
SERIAL PORTS  8 RS 232/422/485 software selectable MEI  16 RS-232 or RS-232/422/485 software-selectable (MEI models)  Serial CONNECTOR  Digi 10-pin  ETHERNET PHYSICAL LAYER  Dual 10/100/1000 Mbps auto sensing; Full of half duplex  CONSOLE PORTS  10-pin RJ-45 serial port for configuration  2USB 2.0 connectors, 500 mA max each port (W model only)  RPSMA CONNECTOR  1 for ZigBee wireless (W model only)  RPSMA CONNECTOR  1 for internal modem (W model only)  POWER REQUIREMENTS  POWER INPUT  9-30 VDC  100-240 VAC, 50-60 Hz, 0.8A  100-240 VAC, 50-60 Hz, 0.8A  N/A  POWER SUPPLY  2A@12 VDC  N/A  N/A  N/A  POWER CONSUMPTION  18W max  30W max  30W max  30W max  SENIAL PORT PROTECTION (ESD)  \$\frac{1}{2}\$	WEIGHT	1550 g (3.4 lb)			
SERIAL PORTS  8 RS 232/422/489 Software selectable (MEI models)  software-selectable (MEI models)  software-	INTERFACES				
Dual 10/100/1000 Mbps auto sensing; Full of half duplex  CONSOLE PORTS  10-pin RJ-45 serial port for configuration  2 USB 2.0 connectors; 500 mA max each port (W model only)  RPSMA CONNECTOR  1 for ZigBee wireless (W model only)  RJ-11 CONNECTOR  1 for internal modem (W model only)  POWER REQUIREMENTS  POWER RIPUT  9-30 VDC  100-240 VAC, 50-60 Hz, 0.8A  100-240 VAC, 50-60 Hz, 0.8A  100-240 VAC, 50-60 Hz, 0.8A  POWER CONSUMPTION  18W max  30W max  30W max  30W max  POPERATING TEMPERATURE  0° C to +55° C (32° F to +130° F)  STORAGE TEMPERATURE  2-20° C to +66° C (-4° F to +151° F)  RELATIVE HUMIDITY  5%-95% (non-condensing)  ETHERNET ISOLATION  1500 VAC (rms)  REGULATORY APPROVALS	SERIAL PORTS	8 RS 232/422/485 software selectable MEI			
10-pin RJ-45 serial port for configuration  JUSB PORTS  2 USB 2.0 connectors; 500 mA max each port (W model only)  RPSMA CONNECTOR  1 for ZigBee wireless (W model only)  RJ-11 CONNECTOR  1 for internal modem (W model only)  POWER REQUIREMENTS  POWER INPUT  9-30 VDC  100-240 VAC, 50-60 Hz, 0.8A  100-240 VAC, 50-60 Hz, 0.8A  100-240 VAC, 50-60 Hz, 0.8A  POWER SUPPLY  2A@12 VDC  N/A  N/A  POWER CONSUMPTION  18W max  30W max  30W max  30W max  ENVIRONMENTAL  DEFRATING TEMPERATURE  -20° C to +55° C (32° F to +130° F)  STORAGE TEMPERATURE  -20° C to +66° C (-4° F to +151° F)  RELATIVE HUMIDITY  5%-95% (non-condensing)  ###################################	SERIAL CONNECTOR	Digi 10-pin			
2 USB 2.0 connectors; 500 mA max each port (W model only)  RPSMA CONNECTOR  1 for ZigBee wireless (W model only)  POWER REQUIREMENTS  POWER INPUT  9-30 VDC  100-240 VAC, 50-60 Hz, 0.8A  POWER SUPPLY  2A@12 VDC  N/A  N/A  POWER CONSUMPTION  18W max  30W max  2NVIRONMENTAL  DEFRATING TEMPERATURE  0° C to +55° C (32° F to +130° F)  STORAGE TEMPERATURE  -20° C to +66° C (-4° F to +151° F)  RELATIVE HUMIDITY  5%-95% (non-condensing)  ±15 kV  ETHERNET ISOLATION  1500 VAC (rms)	ETHERNET PHYSICAL LAYER	Dual 10/100/1000 Mbps auto sensing; Full of half duplex			
RPSMA CONNECTOR  1 for ZigBee wireless (W model only)  POWER REQUIREMENTS  POWER INPUT  9-30 VDC  100-240 VAC, 50-60 Hz, 0.8A  N/A  N/A  POWER CONSUMPTION  18W max  30W max  30W max  ENVIRONMENTAL  OPERATING TEMPERATURE  0° C to +55° C (32° F to +130° F)  STORAGE TEMPERATURE  -20° C to +66° C (-4° F to +151° F)  RELATIVE HUMIDITY  5%-95% (non-condensing)  ±15 kV  ETHERNET ISOLATION  1500 VAC (rms)	CONSOLE PORTS	10-pin RJ-45 serial port for configuration			
Tor internal modem (W model only)	USB PORTS	2 USB 2.0 connectors; 500 mA max each port (W model only)			
POWER REQUIREMENTS  POWER INPUT 9-30 VDC 100-240 VAC, 50-60 Hz, 0.8A 100-240 VAC, 50-60 Hz, 0.8A N/A N/A N/A  POWER CONSUMPTION 18W max 30W max 30W max  ENVIRONMENTAL  DEFRATING TEMPERATURE 0° C to +55° C (32° F to +130° F) STORAGE TEMPERATURE -20° C to +66° C (-4° F to +151° F) RELATIVE HUMIDITY 5%-95% (non-condensing) ±15 kV ETHERNET ISOLATION 1500 VAC (rms)	RPSMA CONNECTOR	1 for ZigBee wireless (W model only)			
POWER INPUT  9-30 VDC  100-240 VAC, 50-60 Hz, 0.8A  100-240 VAC, 50-60 Hz, 0.8A  100-240 VAC, 50-60 Hz, 0.8A  N/A  N/A  POWER CONSUMPTION  18W max  30W max  30W max  2NVIRONMENTAL  DEFINITION  STORAGE TEMPERATURE  -20° C to +55° C (32° F to +130° F)  -20° C to +66° C (-4° F to +151° F)  SETORAGE TEMPERATURE  5%-95% (non-condensing)  ±15 kV  ETHERNET ISOLATION  1500 VAC (rms)	RJ-11 CONNECTOR	1 for internal modem (W model only)			
POWER SUPPLY  2A@12 VDC  N/A  30W max  30W max  30W max  30W max  20V C to +55° C (32° F to +130° F)  STORAGE TEMPERATURE  -20° C to +66° C (-4° F to +151° F)  RELATIVE HUMIDITY  5%-95% (non-condensing)  ±15 kV  ETHERNET ISOLATION  1500 VAC (rms)	POWER REQUIREMENTS				
POWER CONSUMPTION 18W max 30W max 30W max  ENVIRONMENTAL  DEFINITION TEMPERATURE 0° C to +55° C (32° F to +130° F)  STORAGE TEMPERATURE -20° C to +66° C (-4° F to +151° F)  RELATIVE HUMIDITY 5%-95% (non-condensing)  ETHERNET ISOLATION 1500 VAC (rms)	POWER INPUT	9-30 VDC	100-240 VAC, 50-60 Hz, 0.8A	100-240 VAC, 50-60 Hz, 0.8A	
ENVIRONMENTAL  DPERATING TEMPERATURE  0° C to +55° C (32° F to +130° F)  STORAGE TEMPERATURE  -20° C to +66° C (-4° F to +151° F)  RELATIVE HUMIDITY  5%-95% (non-condensing)  ±15 kV  ETHERNET ISOLATION  1500 VAC (rms)	POWER SUPPLY	2A@12 VDC	N/A	N/A	
DPERATING TEMPERATURE  0° C to +55° C (32° F to +130° F)  5TORAGE TEMPERATURE  -20° C to +66° C (-4° F to +151° F)  RELATIVE HUMIDITY  5%-95% (non-condensing)  ±15 kV  ETHERNET ISOLATION  1500 VAC (rms)	POWER CONSUMPTION	18W max	30W max	30W max	
TORAGE TEMPERATURE  -20° C to +66° C (-4° F to +151° F)  SERIAL PORT PROTECTION (ESD)  ±15 kV  ETHERNET ISOLATION  1500 VAC (rms)  REGULATORY APPROVALS	ENVIRONMENTAL				
RELATIVE HUMIDITY 5%-95% (non-condensing)  SERIAL PORT PROTECTION (ESD) ±15 kV  ETHERNET ISOLATION 1500 VAC (rms)  REGULATORY APPROVALS	OPERATING TEMPERATURE	0° C to +55° C (32° F to +130° F)			
ETHERNET ISOLATION 1500 VAC (rms)  REGULATORY APPROVALS	STORAGE TEMPERATURE	-20° C to +66° C (-4° F to +151° F)			
THERNET ISOLATION 1500 VAC (rms)  REGULATORY APPROVALS	RELATIVE HUMIDITY	5%-95% (non-condensing)			
REGULATORY APPROVALS	SERIAL PORT PROTECTION (ESD)	±15 kV			
	ETHERNET ISOLATION	1500 VAC (rms)			
DAFETY UL 60950-1, EN 60950-1	REGULATORY APPROVALS				
	SAFETY	UL 60950-1, EN 60950-1			
FCC Part 15, Subpart B, Class A, EN 55022 Class A, EN 55024	EMISSIONS/IMMUNITY	FCC Part 15, Subpart B, Class A, EN 55022 Class A, EN 55024			



PART NUMBERS	DESCRIPTION
70002411	ConnectPort LTS 32
70002412	ConnectPort LTS 32 (International)
70002413	ConnectPort LTS 32 MEI
70002414	ConnectPort LTS 32 MEI (International)
70001634	ConnectPort LTS 16 MEI 2AC
70002403	ConnectPort LTS 16
70002404	ConnectPort LTS 16 (International)
70002405	ConnectPort LTS 16 MEI
70002406	ConnectPort LTS 16 MEI (International)
70002407	ConnectPort LTS 16 W
70002408	ConnectPort LTS 16 W (International)
70001611	ConnectPort LTS 8 MEI
70001612	ConnectPort LTS 8 MEI (International)

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