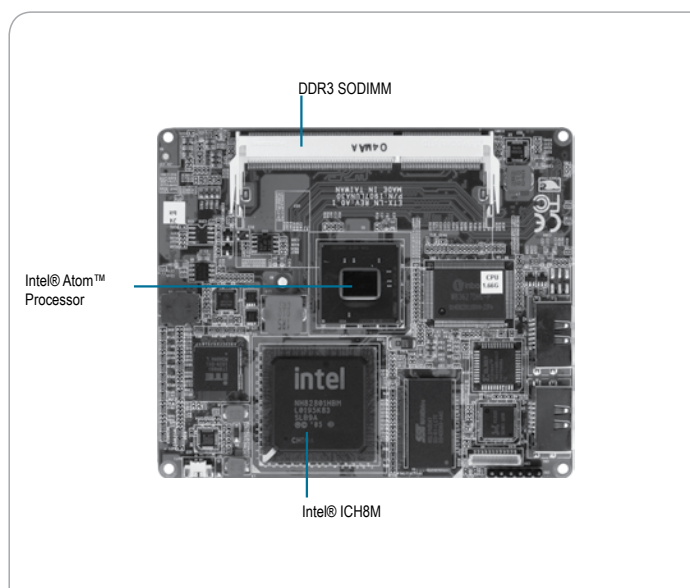


ETX-LN

ETX CPU Module with Onboard Intel® Atom™ D525/N455/D425 Processors



Specifications

System	
Form Factor	ETX
Processor	Onboard Intel® Atom™ D525/N455/D425 processors
System Memory	204-pin DDR3 SODIMM x1, Max. 2 GB (DDR3 667 for N455 and DDR3 800 for D525 and D425)
Chipset	ICH8M
I/O Chipset	Winbond W83627DHG-P
Ethernet	Intel® RTL8102E-VB-GR, 10/100 Base-TX
BIOS	AMI BIOS, SPI type, 4MB ROM
Wake on LAN	Optional
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
Expansion Interface	32-bit PCI x 4 8-bit/16-bit ISA SM Bus x 1 12C x 12
Battery	Lithium battery
Power Requirement	+5V DC
Power Consumption (Typical)	—
Board Size	4.5" (L) x 3.74" (W) (114mm x 95mm)
Gross Weight	0.66 lb (0.3kg)
Operating Temp.	32°F ~ 140°F (0°C ~ 60°C)
Storage Temp.	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	—
Display	Supports CRT/LCD Dual Simultaneous/ Dual Independent Display
Chipset	Intel® D525/N455/D425 integrated Integrates hardware MPEG2 decoder
Memory	Shared system memory up to 384MB/ DVMT 4.0
Resolution	Up to 1400 x 1050 (SXGA) @ 60Hz for CRT Up to 1366 x 768 or 1280 x 800 (WXGA) for LCD
LCD Interface	24-bit signal-channel LVDS
SDVO	—
TV-out	—
I/O	
Storage	1. PATA SSD on board, Max. 16 GB (Optional) or PATA x 1 (two devices) 2. SATA 3.0Gb/s x 2 (on module)
USB	USB2.0 x 4
Audio	Mic-in, Line-in, Line-out

Features

- Onboard Intel® Atom™ D525/N455/D425 Processors
- Intel® ICH8M
- SODIMM DDR3 667/800 Memory, Max. 2 GB
- 10/100Base-TX Ethernet
- CRT, 24-bit Single-channel LVDS LCD
- AC97 2.3 Codec 2CH Audio
- PATA SSD (Up to 16 GB, Optional) x 1, SATA 3.0Gb/s x 2 (On Module)
- USB2.0 x 4, COM x 2
- +5V Only Operation



Packing List

- M2.5 Screw x 4
- Product CD
- ETX-LN

Ordering Information

- **TF-ETX-LN-A10**
ETX Board, N455, 24-bit SC LVDS, DDR3, LAN, Audio, 2COM, USB2.0, Rev 1.0
- **TF-ETX-LN-A10-01**
ETX Board, D525, 24-bit SC LVDS, DDR3, LAN, Audio, 2COM, USB2.0, Rev 1.0
- **TF-ETX-LN-A10-02**
ETX Board, D525, 24-bit SC LVDS, DDR3, 16 GB SSD, LAN, Audio, 2COM, USB2.0, Rev 1.0

Optional Accessories

- **TF-ECB-902M-A10**
ETX Carrier Board, LAN, Audio, 2COM, USB2.0, PCI, ISA, AT/ATX, Rev.A1.0 (For ETX-LN, ETX-945GSE, ETX-CX700M, ETX-701, ETX-700)
- **TF-PER-A101**
CPU Cooler, For ETX-LN, Onboard CPU
- **TF-PER-A102**
Passive Heatsink, For ETX-LN, Onboard CPU
- **TF-PER-A103**
Heat Spreader Kit, For ETX-LN, Onboard CPU