

Launching in Q2

Features

- Onboard Intel® Atom™ D2700/N2600 Processor
- Intel® NM10
- SODIMM DDR3 1066 Memory, Max. 4 GB
- 10/100Base-TX Ethernet
- CRT, Up to 24-bit Dual-channel LVDS LCD
- SATA 3.0Gb/s x 2, USB2.0 x 6, PATA x 1
- PCI x 4, 8-bit/16-bit ISA



Specifications

System	
Form Factor	ETX
Processor	Intel® Atom™ D2700/N2600 processor D2700: 2.13GHz N2600: 1.6GHz
System Memory	204-pin DDR3 SODIMM x1, Max. 4 GB (DDR3 800/1066) D2700: Max. 4GB N2600: Max. 2GB
Chipset	Intel® NM10
I/O Chipset	Intel® NM10
Ethernet	Intel® 82583V, supports 10/100Base-TX
BIOS	AMI BIOS SPI type, 4MB ROM
Wake On Lan	Yes
Watchdog Timer	Winbond W83627DHG/PT, 255 levels
H/W Status Monitoring	Supports CPU temperature monitoring
Expansion Interface	32-bit PCI x4 8-bit/16-bit ISA SMBus x 1
Power Requirement	+5V only
Power Consumption	—
Board Size	4.5" (L) x 3.74" (W) (114mm x 95mm)
Gross Weight	0.55lb (0.25kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	—
Display	
	Supports CRT/LVDS simultaneous/ dual view displays
Chipset	Intel® Atom™ D2700/N2600 processor integrated DirectX 9, OpenGL *3.0 Integrated hardware MPEG2 decoder
Memory	Shared system memory up to 512MB/ DVMT 5.0
Resolution	Up to 1920 x 1200 for CRT Up to 1440 x 900 for LCD (D2700) Up to 1366 x 768 for LCD (N2600)
LCD Interface	Up to 24-bit dual-channel LVDS
I/O	
Storage	PATA x1 (One device) SATA 3.0Gb/s x 2 SATA SSD up to 16G (optional)
Serial Port	2
Parallel Port	1
USB	USB 2.0 x 4
PS/2 Port	Keyboard x1, Mouse x1
IrDA	One IrDa Tx/Rx Header
Audio	Mic-in, Line-in, Line-Out

Packing List

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

Dimension

Unit: mm

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Ordering Information

Part Number	CPU	Memory	Display	LVDS	Storage	LAN	USB2.0	KB/MS	URAT	LPT	Expansion Slot	Power	Temp
TF-ETX-CV-A10	Intel® Atom™ D2700/2.13G	DDR3 SODIMM x 1 Max.4GB	CRT, LVDS	24-bit dual channel	SATA2 x 2 PATA x 1	FE x 1	4	1	2	1	8-bit/16-bit/ISA 32-bit PCI x 4	5V	0°C-60°C
TF-ETX-CV-A10-01	Intel® Atom™ N2600/1.6G	DDR3 SODIMM x 1 Max.2GB	CRT, LVDS	24-bit dual channel	SATA2 x 2 PATA x 1	FE x 1	4	1	2	1	8-bit/16-bit/ISA 32-bit PCI x 4	5V	0°C-60°C

Optional Accessories

- TF-ECB-902M-BA10**
 ETX Carrier Board, LAN, Audio, 4 COM, USB, PCI, ISA, AT/ATX, Rev.A1.0
- TF-PER-A119**
 Heat Spreader, For XTX/ETX-CV
- TF-PER-A120**
 Passive Heat-sink, For XTX/ETX CPU Module
- TF-PER-A121**
 CPU Cooler, 35W, For XTX/ETX CPU Module