

■ Flexible Embedded System DSS With Intel® Atom™ N270 Processor

Launched in Q1

## Specifications

System	
Form Factor	Compact size for Desktop/ Wallmount
Main Board	IMBE-945G
CPU	Onboard Intel® Atom™ N270 1.6 GHz Processor
System Memory	200-pin DDRII 400/533 SODIMM 1GB x 1, total up to 2 GB
Chipset	Intel 945GSE+ ICH7M
Ethernet	10/100/1000Base-TX Ethernet x 1 Wireless LAN : 802.11B/G Mini-PCIe module x 1 (optional)
Audio	VIA HD Codec VT1708B 2W amplifier for speaker out
BIOS	Award BIOS 4 Mb Flash EEPROM
I/O Chip	ITE 8712F I/O Controller
Hard Disk Drive	2.5" Hard Disk Drive Bay x 1 with SATA II interface
Solid Storage Disk	CompactFlash™ Type II Socket x 1
LED	Two indicators for Power and HDD
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status
Power Supply	Single 12VDC Input Optional with Wide range 9~36VDC Converter
Weight	—
Dimension (W x H x D)	10.63" x 1.97" x 7.87" (270mm x 50mm x 200mm)
External I/O	
Serial Port	RS-232/422/485 x 1
KB & Mouse	Keyboard/ Mouse x 1
Universal Serial Bus	USB2.0 x 6 (4 at I/O, 2 at Front Panel)
Audio	Audio Jack x 2 ( Mic-in, Line-out)
Ethernet	RJ-45 x 1
Display	VGA x 2, DVI-D x 2
Environment	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) (industrial grade SSD only)
Storage Temperature	4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	10~80%
Storage Humidity	10~80%, non condensing
Vibration	HD: 0.5grms/5-500 Hz/random operation
Shock	15G with 11 m/sec, operating

## Features

- Intel® Atom™ N270 1.6 GHz Processor
- Intel® 945GSE + ICH7M Chipset
- 200-Pin Non-ECC DDRII 400/533 SODIMM x 1, Up To 2 GB
- Multi-View With DVI x 2 & VGA x 2
- Realtek PCI-Express 10/100/1000Base-TX Ethernet x 1
- 2.5" SATA Hard Disk Drive Bay x 1
- USB2.0 x 6, COM x 1, CompactFlash™ x 1
- Optional With WiFi Module & Wide Reange 9~36V DC Converter
- Fanless



## Packing List

- 60W AC-DC Power adapter
- Utility CD-ROM
- FES-6120

## Ordering Information

- TF-FES-6120-A10

Flexible Embedded System, Intel® Atom™ N270 CPU, 2 VGA, 2 DVI, 1 GbE LAN, 6 USB, COM, Audio, Rev A1.0

## Optional Accessories

- **1702031802**  
(TF) Power Cord, 3P-125V/10A 180D, 1.8M, USA
- **1702031803**  
(TF) Power Cord, 3P-250V/10A 180D, 1.8M, Europe
- **170203180E**  
(TF) Power Cord, 3P, 125V/7A 180D, 1.8M, Japan