

NVR-2350S

Standalone Mini Tower NVR System with Onboard Intel® Atom™ E3800 Series Processor

Launching in Q1

Specifications

System	
Form Factor	Mini Tower NVR system
Processor	Intel® Atom™ SOC E3840 Quad Core 1.91GHz (TDP 10W) co-lay with N2910 & J1850
System Memory	204-pin DDR3L 1333 MHz Dual-Channel SODIMM x 2, up to 8 GB
Chipset	Intergrate with CPU
Ethernet	10/100/1000Base-TX x 2
BIOS	AMI BIOS, 64MB ROM
Serial ATA	—
Wake on Lan	SATA2 3Gb/s x 2, SATA3 6Gb/s x 4
Hardware Status Monitor	—
Expansion Interface	—
Watchdog Timer	Time-out occurs after 1~255 second/minute cause a reset to the system
Storage	Hot-Swappable 3.5" SATA HDD trays x 4 + 2.5" hot-swappable 2.5" SATA HDD Bay x 1
System Fan	Ball Bearing Fan x 1
Front I/O Panel	Power Button x 1, Reset Button x 1, Power LED x 1, LAN LED x 1, HDD Active LED, USB3.0 x 1, slim optical disk drive x 1 (optional)
Rear I/O Panel	USB2.0 x 4, RJ-45 x 2 (optional PoE), HDMI x 1, VGA x 1, audio Jack x 1, PS/2 keyboard/Mouse x 1, COM console x 2
Color	Black
RAID support	0/1/5/10
Power Supply	250W.ATX power
Dimension	—
Power Consumption	—
MTBF (Hours)	—
Display	
Chipset	Intel® HD Graphics (Gfx frequency 542/792 (turbo) MHz / DX11)
Graphic Engine	Intel® HD Graphics with 4 EUs, 8 threads each, support for DirectX 11, OCL 1.1 & OpenGL 3.2
Resolution	Up to 1600 x 1200 / 60Hz for CRT Up to 1920 x 1200 / 60Hz, 24bps for Dual LVDS(from DP w/chrontel CH7511) Up to 2560 x 1600 / 60Hz for HDMI Two display pipes, Pipe A and B support the dual independent displays
Output Interface	—
I/O	
Serial Port	RS-232 x 1, RS-232/422/485 x 1
K/B and Mouse	PS/2 keyboard (purple) x 1, PS/2 mouse (green) x 1
USB	USB 2.0 x 4, USB3.0 x 1
Environment	
Operation Temperature	32 °F ~ 104 °F (0 °C ~ 40 °C)
Storage Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)
Operation Humidity	10% ~80% relative humidity, non-condensing
Storage Humidity	10% ~80% @ 40C, non-condensing

Features

- Mini Tower NVR System with Hot Swappable HDD Tray x 4 with Front Door Lock and Internal 2.5" SATA HDD Bay x 1
- Onboard Intel® 22nm Atom™ E3840 co-lay with N2910 & J1850 Quad Core(4C/4T) SOC, Max. 4.5W TDP
- Intel® HD Graphics with 4 EUs, 8 Threads Each, Support for DirectX 11, OCL 1.1 & OpenGL 3.2
- Memory Support: Dual-Channel DDR3L 1333MT/s SODIMM x 2, Up to 8GB, non-ECC
- Support VGA, HDMI, Dual Independent Displays
- Intel® Gigabit Ethernet x 2
- COM console x 2 (RS-232 x 1, RS-232/422/485 x 1)
- USB 2.0 x 4, USB 3.0 x 1
- Supports PoE Function (Optional)
- Slim DVD RW Drive for Instant Data Backup



Vibration	—
Shock	—

Ordering Information

Part number	CPU	RAM	Cooler	Storage	Display	LAN
NVR-2350S-X20-A10	Intel® Atom™ E3800 Series SoC	204-pin SODIMM	Heatsink	3.5" SATA Hot Swappable x 4 + 2.5" HDD Bay x 1	HDMI, VGA	GbE x 2

USB	RS-232	RS-232/422/485	KB/MS	Audio	DIO	Expansion Slot	Mounting	Power
USB3.0 x 1, USB2.0 x 4	1	1	1	Mic-In, Line-In, Line-Out	8-bit (Programmable)	—	Mini Tower	250W, ATX, PS2

Packing List

- Screws for HDD
- Product CD
- NVR-2350S System

Optional Accessories

- TBD