Intel Atom Dual Core

More Energy efficient Mini-PC with Linux Operation System

Shuttle X-Series
X270V

Penguins breathe again. The low energy requirements of the Shuttle X270V Complete System with openSUSE Linux and Intel Atom Dual-Core processor make it an environmentally-friendly device. And even more positive is that its low energy consumption is also reflected in your own wallet. Just make a choice regarding memory size, hard disk size and optional DVD writer, then experience the diversity of the internet through the integrated Gigabit network interface and use the simple, daily applications in the office or at home. The X270V always stays whisper-quiet.

Feature Highlight

Category	
Category	• Basic
Basis	• This is a fully configured system based on the Shuttle X-Series Barebone X27D Chassis color: black
OS	• OpenSUSE Linux, powered by Novell
Processor	• Intel Atom 330, Dual Core 2x 1.6 GHz, 533MHz FSB
Memory	• One memory module DDR2-667/800
Graphics	• Integrated Intel GMA 950 graphics • Shared memory max. 224MB • Supports Dual Display with DVI-D and VGA
Audio	• Integrated 6-ch Audio
LAN	• Gigabit Ethernet LAN,
Drives	• Slimline DVD writer (optional) • One Serial ATA hard disk (2.5")
Warranty	• 24 months
Further configuration options	• It is possible to modify certain components of this system. Please refer to the "Shuttle Systems Configurator" on Shuttle's website sys.eu.shuttle.com

Picture for illustration purposes only.

Shuttle X-Series X270V – Special Product Features

Built-in Intel® Atom™ Processor

This Shuttle PC comes with embedded Dual Core Intel® Atom™ 330 processor. It is based on an entirely new x86-design which consumes less than a few watts of power, but powerful enough to connect to business, enjoy entertainment and enable a big Internet experience.

Intel® Graphics Media Accelerator 950

The Intel GMA 950 is an intelligent and responsive 256-bit graphics engine built into the chipset that is on the mainboard. It supports 224 MB maximum shared memory and 2048x1536 at 75 Hz maximum resolution.

Dual View Technology with DVI and VGA

Dual View technology offers multiple display support on up to two separate monitors. This allows more users to see the desktop image at the same time. The integrated graphics supports clone mode.

DVI output

The Digital Visual Interface (DVI) allows the signal to stay the way it was intended to be all the way to the end display and this results in a far more compelling image that is razor sharp and wonderfully vibrant.

Gigabit LAN Network

Today's media-rich communications across the Internet and within organizations are creating new demands on clients in Local Area Networks. For that reason Shuttle introduces the Gigabit LAN performance even in the business and entry level segment of their Mini-PC line.

High speed USB 2.0 interface

The back panel provides 4 USB 2.0 ports which support up to 480 Mb/s data transfer rate for data intensive external devices.

SATA 3Gb/s storage interface with 2.5″ HDD

High speed storage improves transfer rate for improved data access. The SATA II specification doubles bus bandwidth from 1.5Gb/s to 3Gb/s. The Shuttle X 2700B includes one 2.5" hard disk drive.

Great connectivity

Behind the front panel door you will find two USB's for USB stick, external drives, MP3 players etc. and 1/8 inch (3.5 mm) jacks for headphone and microphone, which can be used for a head-set. At the back panel you can connect your input devices by PS/2 or USB. The audio jack can be configured as Mic/Line-in/Line-out or 6-ch audio.

Shuttle X-Series X270V Specifications

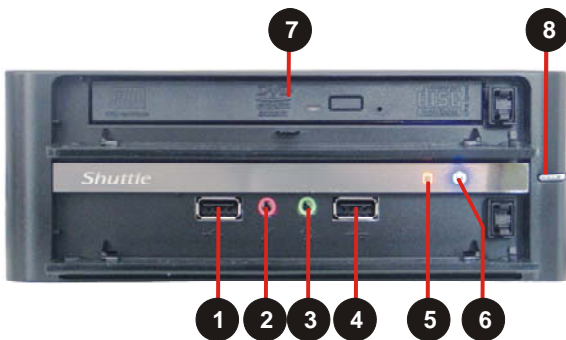|	
Range of application	Recommended range of application: Basic
Basis	System based on: Shuttle Barebone X27D
Operating system	OpenSUSE Linux, powered by Novell
Chassis	New slim X-type chassis, silver black Front doors for optical drive and front panel connectors Mini-iTX Mainboard Dimensions: 250 x 185 x 70 mm (LWH) = 3.2 litres
Processor	Intel ATOM 330 processor (Codename: Diamondville) 2x 1.6 GHz core clock, 533 MHz FSB 2x 512kB L2 cache Supports Hyper-Threading (4 threads total) Power consumption: TDP = 8 watts Passive CPU cooling
Chipset	Intel® 945GC+ICH7 Express Chipset
Memory	One DDR2-667/800 SDRAM memory module (240 pin)
Hard disk	One Serial ATA hard disk drive in 2.5" format
Optical drive	Optional DVD writer in slimline format (dual format)
Integrated Graphics	Intel Graphics Media Accelerator 950 (GMA950) with PCI-E x1 improved bandwidth, features 333MHz graphics core DX8/DX9 support and enhanced 3D performance Dynamic Video Memory Technology (DVMT) 3.0, shared Memory max. 224MB Video out: Digital DVI-D and Analog 15pin D-Sub VGA Supports Dual Monitor operation (DVI and VGA) in clone mode.
Audio	5.1-channel audio Audio Realtek® ALC 662 6-channel High-Definition Audio Three analog audio connectors (3.5mm) at the Back-Panel: 1) Front Line out (head phone) 2) Rear Surround line-out (shared with microphone input) 3) Center line-out (shared with Line in)
LAN	Realtek 8111C Ethernet network controller (Gigabit) Supports 100 / 1.000 MBit/s operation Supports Wake-on-LAN (WOL)

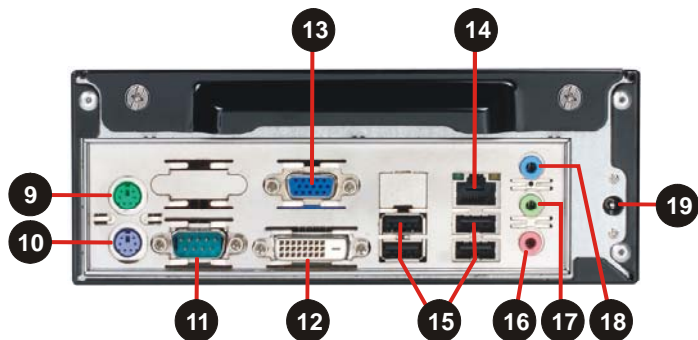|	
Front-panel	Microphone input Audio Line-out (headphone) 2x USB 2.0 Power button Power LED HDD LED
Back-panel I/O connectors	DVI connector (digital) VGA connector (D-Sub 15 pol., analog) 4x USB 2.0 GigaBit LAN (RJ45) PS/2 for mouse and keyboard Serial port (COM) Audio Line-in Audio Line-out Audio Mic-in
Power supply	External fanless 60W power adapter
Warranty	24 Months

Shuttle X270V – Connectors

Front Panel

1 USB 2.0
2 Microphone input
3 Head phone output
4 USB 2.0
5 HDD LED
6 Power LED
7 Slim format optical drive
8 Power button

Back Panel

9 PS/2 mouse
10 PS/2 keyboard
11 Serial port
12 Digital DVI video output
13 Analog VGA video output
14 Gigabit LAN (RJ45)
15 4x USB 2.0
16 Microphone input
17 Audio Line-out (head phone)
18 Audio Line-in
19 Input for power supply voltage