

# Shuttle®

# 1.15L Slim PC Barebone

# XS36V4

## Fanless & Rugged for Harsh Environments



## Ultra Slim & Fanless

### Media Player Suitable for 24/7 Operation

The XS36V4 is the next generation of Intel's Atom processor model that continues the success of the XS36VL. The device has thickness of only 36 mm and completely fanless - in combination with a SSD drive it is quiet, virtually maintenance free and approved for reliable 24/7 non-stop operation. The energy-efficient Intel Celeron J1900 Quad Core processor with powerful graphics engine is suitable for a wide range of software applications including Full HD video encoding/decoding. Three monitor ports (HDMI, DisplayPort, VGA) allow a flexible combination of up to two independent displays. In addition to USB 3.0, card reader, Gigabit-LAN, Wi-Fi it also offers two RS-232 interfaces for professional applications (e.g. device control). Thanks to its multi-functional features It is an ideal platform for professional applications like digital signage, POS, automation, office PC or media PC.

Application: Digital Signage, POS (Point-of-Sales), KIOSK, Education, Medical, Automation, Office computers, Thin Client and Call Centers

## PRODUCT SPECIFICATIONS

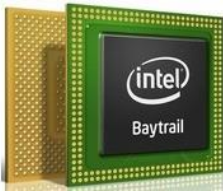
Slim Design	<ul style="list-style-type: none"><li>• Slim 1.15 Liter Chassis, Black</li><li>• Dimensions: 10 x 1.52 x 6.38 inches (LWH)</li><li>• Optional : VESA Mount (75/100 mm)</li></ul>
Operating System	<ul style="list-style-type: none"><li>• The Operating System Is Not Included</li><li>• Compatible w. Windows 8/8.1, Windows 7 &amp; Linux 64bit</li></ul>
CPU	<ul style="list-style-type: none"><li>• Intel Celeron J1900, Quad Core (2 GHz)</li></ul>
Graphics	<ul style="list-style-type: none"><li>• Integrated Intel HD Graphics (7th gen)</li><li>• Supports DX11 and 1080p Full-HD Video</li></ul>
Memory	<ul style="list-style-type: none"><li>• 1x SO-DIMM socket (204 pins)</li><li>• Max. size: 8 GB DDR3L-1333 (1.35V), Supports DDR3L-1600 at 1333 MHz</li></ul>
Storage	<ul style="list-style-type: none"><li>• Supports one 2.5" SATA hard disk or SSD</li></ul>
Connector	<ul style="list-style-type: none"><li>• Video ports: HDMI, DisplayPort, VGA</li><li>• 1 x USB 3.0, 4 x USB 2.0, 2 x Audio (mic, head phone)</li><li>• 2 x serial ports (RS232)</li></ul>
WLAN	<ul style="list-style-type: none"><li>• Gigabit-LAN, WLAN 802.11 b/g/n</li></ul>
Power Supply	<ul style="list-style-type: none"><li>• External 40 W fanless power adapter</li></ul>

# Shuttle Slim PC Barebone XS36V4 - Product Features



## > FANLESS AND QUIET

The Shuttle Slim PC Barebone XS36V4 uses a passive thermal module with heatpipes to lead heat to the outside quickly and evenly. The unique fanless design makes it perfect to be used in noise-sensitive environments such as living rooms, hospitals, libraries etc. As an additional benefit, fanless cases rarely gather dust on the inside and stay cleaner than others. So it's not only quiet and low in energy use, but also dust-free and virtually maintenance-free.



## > CELERON J1900 – ENERGY EFFICIENT QUAD CORE CPU

The Shuttle Slim PC Barebone XS36V4 is equipped with Intel's Celeron J1900 processor which is a power efficient System-on-a-Chip (SoC) from the Bay Trail-D family of the Silvermont processor microarchitecture. Thanks to the optimized 22 nanometer process, four x86-64 CPU cores and a clock speed of 2.0-2.42 GHz (Burst), energy efficiency and performance have been significantly improved compared to its predecessors, e.g. the Intel Atom D2550.



## > TWO MONITOR SUPPORT WITH HDMI, DISPLAYPORT & VGA

The Shuttle Slim PC Barebone XS36V4 supports multiple displays connected through HDMI (DVI through optional adapter), DisplayPort (DP) and VGA. This improves the user's capability and productivity by allowing the spread of multiple windows across two monitors to view them simultaneously.

## > 24/7 NONSTOP OPERATION



The Shuttle Slim PC Barebone XS36V4 is officially approved for 24/7 permanent operation. Thanks to its low power consumption and completely passively cooling, this PC runs reliably making it perfectly suitable for digital signage and POI/POS applications.

### Conditions for Permanent Use:

- Ambient temperature while under load: 5-35°C
- Air humidity while under load: 10-90% (not condensing)
- Free circulation of air amongst the PC must be guaranteed
- Ventilation holes must be clear
- If a hard disk is installed, this must also be approved for permanent operation by its manufacturer (max. one hard disk)

## > OPTIONAL VESA MOUNT (ACCESSORY PV01)



The XS36V4's optional VESA75/100 mount allows it to be installed on to walls or just affixed on the rear side of a monitor which is particularly interesting for the industry segment, company buildings and public institutions.

## > TWO SERIAL RS-232 PORTS (COM)



The Shuttle Slim PC Barebone XS36V4 features two serial RS232 COM ports in the front panel. Both ports support 5V/12V auxiliary voltage and the upper port is switchable to RS422 or RS485 mode. Today, many consumer PCs do no longer have this legacy port, since this interface has been superseded by USB. Still, they are commonly used for applications of industrial automation systems, scientific analysis and POS systems.