

Shuttle®

1.5L Slim PC Barebone

XS35V4

Fanless & Rugged for Harsh Environments



Ultra Slim & Fanless

Media Player Suitable for 24/7 Operation

The XS35V4 is the latest addition to Shuttle's slim line of barebones based on Intel's Bay Trail Celeron technology. It features low-power, high-performance microarchitecture using Intel's first tri-gate 3-D 22nm quad core SoC (system-on-a-chip). It is the PC that brings performance, improved efficiency and power sharing across the CPU and GPU, including graphics, camera and display processes. With Intel's new and advanced embedded HD Graphics Chip and an entirely new platform, the XS35V4 offers triple the graphics capabilities and performance of previous processors in these devices. The XS35V4 has a fanless design that it's not only quiet and low in energy use, but also built for 24/7 permanent operation.

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

PRODUCT SPECIFICATIONS

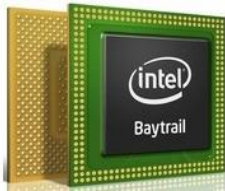
Slim Design	<ul style="list-style-type: none">• Slim 1.5 Liter Chassis, Black• Dimensions: 10 x 1.52 x 6.38 inches (LWH)• Optional : VESA Mount (75/100 mm)
Operating System	<ul style="list-style-type: none">• The Operating System Is Not Included• Compatible w. Windows 8/8.1, Windows 7 & Linux 64bit
CPU	<ul style="list-style-type: none">• Intel Celeron J1900, Quad Core (2 GHz)
Graphics	<ul style="list-style-type: none">• Integrated Intel HD Graphics (7th gen)• Supports DX11 and 1080p Full-HD Video
Memory	<ul style="list-style-type: none">• 1x SO-DIMM socket (204 pins)• Max. size: 8 GB DDR3L-1333 (1.35V), Supports DDR3L-1600 at 1333 MHz
Storage	<ul style="list-style-type: none">• Supports one 2.5" SATA hard disk or SSD• Supports one optical slimline drive(or otherwise a second 2.5" drive in the ODD bay with the optional accessory PHD2N)
Storage Bays	<ul style="list-style-type: none">• Bay: 6.35 cm/ 2.5" for Hard Disk or SSD• 1x Full-Size (supports mSATA 6 Gb/s)• 1x Half-Size (used by: WLAN module)
Connectors	<ul style="list-style-type: none">• 3 video ports: HDMI, DisplayPort, D-Sub• 1 x USB 3.0, 3 x USB 2.0, internal: USB 2.0, 2x Audio (mic, head phone)
WLAN	<ul style="list-style-type: none">• 1 x Gigabit-LAN, 1 x WLAN 802.11 b/g/n
Power Supply	<ul style="list-style-type: none">• External 40 W fanless power adapter

Shuttle Slim PC Barebone XS35V4 - Product Features



> FANLESS AND QUIET

The Shuttle Slim PC Barebone XS35V4 uses a passive thermal module with heat pipes to transmit heat throughout the system 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 inside the unit and stay cleaner than others. So it's not only quiet and low in energy use, but also virtually maintenance free.



> CELERON J1900 – ENERGY EFFICIENT QUAD CORE CPU

The Shuttle Slim PC Barebone XS35V4 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 XS35V4 supports multiple displays connected through HDMI (DVI through optional adapter), DisplayPort (DP) and D-Sub/VGA. This improves the user's capability and productivity by allowing the spread of multiple windows across two monitors to view them simultaneously.



> INTERNAL USB CONNECTOR

The Shuttle Slim PC Barebone XS35V4 features an internal USB 2.0 Type-A connector supporting a variety of USB sticks such as flash memory, 3G function, DVB-T TV tuner and others.

The chassis also provides a perforation (9mm hole) for an external antenna or additional connector.

In the picture you can see a conventional USB stick as an internal boot device.

> 24/7 NONSTOP OPERATION



The Shuttle Slim PC Barebone XS35V4 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:

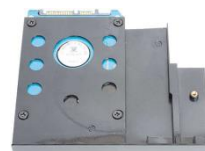
- Ambient temperature while under load: 5-35°C
- Air humidity while under load: 10-90% (not condensing)
- Free circulation of air amongst the PC must be guaranteed
- Ventilation holes must be clear
- If a hard disk is installed, this must also be approved for permanent operation by its manufacturer (max.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

> OPTIONAL VESA MOUNT (ACCESSORY PV01)



The XS35V4'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.

> OPTIONAL SECOND DISK (ACCESSORY PHD2N)



The optional accessory PHD2N makes for support of a second 2.5" hard disk or SSD. Please note that the bay for the optical drive will be occupied and cannot be used.