

Smart budget solution for simple tasks

The Shuttle K-Series Barebone K45SE is a great choice for basic computing needs such as office applications and web surfing in the business or home segment. The K45SE is a small and stylish PC platform with low power consumption that seamlessly integrates into a network using its Ethernet or an optional WLAN interface. This affordable entry-level platform targets SME, corporate, public and educational institutions. Easily set up an ideal second home PC to manage any simple everyday applications in a snap while banking on Shuttle's high reliability.

Shuttle K-Series Barebone **K45SE (Black)**



Feature Highlight

K chassis	<ul style="list-style-type: none"> Black chassis with aluminum cover Dimensions: 28 x 19 x 17 cm (L/W/H) Bays: 2x 3.5" (internal) Optional colorful chassis with customized front panel design possible
Optical drive	<ul style="list-style-type: none"> Slim DVD±RW writer
Chipset	<ul style="list-style-type: none"> Intel 945GC + ICH7 Integrated GMA950 graphics, VGA out
CPU	<ul style="list-style-type: none"> Socket 775 Core 2 Duo E7200 / E6xxx / E4xxx, Pentium Dual-Core 2xxx, Celeron 4xx (max. 65W) Supports 1066/800/533 MHz FSB For use with Intel standard cooling fan (not included). Please purchase an Intel boxed processor.
Slots	<ul style="list-style-type: none"> 1x PCI 32 Bit
Memory	<ul style="list-style-type: none"> Supports 2x DDR2-533/667 DDR2-800 in overlocking mode* Supports up to 2GB (2x 1GB)
Drive connectors	<ul style="list-style-type: none"> 2x SATA II (3 Gbit/s) 1x IDE ATA 100
Other connectors	<ul style="list-style-type: none"> 5.1 HD audio USB 2.0 (4x rear, 4x onboard) Gigabit LAN, Optional WLAN adapter
Power supply	<ul style="list-style-type: none"> 100 Watt Flex-ATX power supply
Application	<ul style="list-style-type: none"> Business, Home

Images for illustration purposes only.



Shuttle Order No: PC-K45004

Shuttle K-Series Barebone K45SE Specifications

Chassis	<p>K-type chassis with aluminum cover and acrylic front plate Color: black, double baked coating Optional temperature controlled 92x92x25mm rear chassis fan (region specific) Storage bays: 2 x 3.5" internal (no 3.5" bay for optical drive) Dimensions: 28 x 19 x 17 cm (LWH) Weight: 3.8 kg net / 5.0 kg gross</p>
Mainboard	<p>Proprietary mainboard design for K45/SE Chipset: Intel 945GC + ICH7 Dimensions: 170 x 235 mm</p>
Power Supply	<p>100 Watt Flex ATX power supply unit Input voltage range: 100~240V AC Active PFC (Power Factor Correction) EMI Certified: FCC, CE, BSMI Safety Certified: UL, TÜV, CB Power plug region specific, 40 mm cooling fan</p>
Processor Support	<p>Socket 775 supports Single and Dual Core processors from Intel Supports 533/800/1066 MHz FSB (Front Side Bus) Supports Core 2 Duo E7200 / E6xxx / E4xxx, Pentium Dual-Core 2xxx, Celeron D 4xx series Supports up to 65W TDP Please refer the support list for detailed processor support information. at http://global.shuttle.com/support_list.jsp</p>
Processor Cooling	<p>Processor cooling fan not included. Please purchase an Intel boxed processor. The mainboard supports temperature-controlled RPM fan speed by the BIOS.</p>
Memory Support	<p>2x 240 pin slots, supports Dual Channel supports DDR2-533/667 SDRAM memory Supports up to a total size of 2 GB, max. 1 GB per DIMM</p>
Expansion Slots	<p>1x PCI 32 bit</p>
Optical drive	<p>Slim DVD±RW writer built-in Type: Sony Optiarc AD-7590S Slim 7+6 pin Micro Serial ATA connector 2048kB cache Access time: 150ms (CD), 180ms (DVD) Data transfer speed: Read CD, write CD-R/RW: 24x Read DVD, write DVD±R/+RW: 8x Write DVD-RW/±R dual layer: 6x Read/write DVD-RAM: 5x</p>

<p><i>Integrated Graphics</i></p>	<p>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 Analog 15 pin Sub-D VGA video out connector</p>
<p><i>6-channel Audio</i></p>	<p>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)</p>
<p><i>LAN Controller</i></p>	<p>Gigabit network controller (Marvell 8056) Supports 10/100/1000 MBit/s operation RJ45 back panel connector Supports Wake-on-LAN function and PXE (Preboot Execution Environment)</p>
<p><i>Drive connectors</i></p>	<p>2x Serial-ATA II, 3 Gbit/s (300 MB/s) bandwidth 1x IDE ATA 100 drives</p>
<p><i>Front panel</i></p>	<p>Power button Power indicator (LED) HDD indicator (LED) 2x USB 2.0 Audio Line-Out (headphone output) Microphone input</p>
<p><i>Back panel connectors</i></p>	<p>D-sub VGA Video out 4x USB 2.0 RJ45 LAN connector PS/2 keyboard connector PS/2 mouse connector Serial COM port Parallel port Audio Front Line out (head phone) Audio Rear Surround line-out (shared with microphone input) Audio Center line-out (shared with Line in) optional Wireless LAN module (PN20)</p>
<p><i>Other connectors</i></p>	<p>2x fan connectors (4 pins) 4x USB 2.0 (two 2x5 pin onboard headers)</p>
<p><i>Accessories</i></p>	<p>System installation Guide 1x SATA cable 1x Power cord Driver CD-ROM</p>

Connectors and Components

Front-Panel

- F1 Power Switch
- F2 Power LED
- F3 HDD LED
- F4 USB ports
- F5 Audio Line-out (headphone connector)
- F6 Microphone input
- F7 Slim DVD writer with eject button

Back-Panel

- B1 Optional WLAN
- B2 AC Power Socket
- B3 PS/2 Mouse Port
- B4 PS/2 Keyboard Port
- B5 COM Port
- B6 Parallel Port
- B7 VGA Port
- B8 USB Port
- B9 LAN Port
- B10 MIC-In Port
- B11 Line-Out Port
- B12 Line-In Port
- B13 PCI Slot
- B14 Rear Fan

