

### 46.7cm/18.5" All-in-One PC

This sleek 18.5" All-in-One touchscreen PC combines impressive computing power with robust graphics performance. It is equipped with a LGA1155 Intel® Core™ desktop processor and works seamlessly with different applications just as a conventional desktop PC. The HDMI output enables dual-monitoring which can be used for multimedia and presentations on large screens. Together with ample I/O connectivity and VESA mount ready, it can also support a wide variety of professional applications, e.g. kiosk, POS, digital signage, communication platforms, automation and control systems.

### Shuttle All-in-One PC System **X7000T**

- Configurable BTO system
- 18.5" display
- Single- or Multi-touch
- LGA1155 CPU
- HDMI port
- Webcam, Card Reader
- 2x USB 3.0, 6x USB 2.0
- RS232 COM port

#### Feature Highlight

<b>All-in-one design</b>	<ul style="list-style-type: none"> <li>• Full featured stylish PC System</li> <li>• 100x100 VESA mount compatible</li> </ul>
<b>Display &amp; Graphics</b>	<ul style="list-style-type: none"> <li>• 46.7cm (18.5"), Resolution: 1366 x 768</li> <li>• Resistive single- or multi-touch display</li> <li>• Integrated graphics (depends on CPU)</li> <li>• HDMI video outputs</li> </ul>
<b>CPU &amp; Chipset</b>	<ul style="list-style-type: none"> <li>• CPU: Intel Core i3/i5/i7, Pentium or Celeron LGA1155 socket, TDP max. 65W</li> <li>• Chipset: H61 (Platform Controller Hub)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Up to 16 GB DDR3-1333 SO-DIMM memory</li> <li>• One 6.35cm/2.5" hard disk or SSD drive</li> </ul>
<b>Operating system</b>	<ul style="list-style-type: none"> <li>• Windows 7 or Windows 8 32 or 64 Bit version</li> </ul>
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>• HDMI (supports digital audio)</li> <li>• 2x USB 3.0, 6x USB 2.0, Microfon, Line-out</li> <li>• Dual RJ45 Gigabit LAN, Wireless LAN (b/g/n)</li> <li>• 1x COM port (RS232)</li> <li>• Optional PCL70: 2x COM &amp; 1x LPT (parallel)</li> </ul>
<b>Built-in</b>	<ul style="list-style-type: none"> <li>• SD card reader</li> <li>• 2.0 Megapixel webcam</li> <li>• 2x 2 W speakers</li> <li>• Microphone</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• 120W, fanless, Energy Star 5 compliant</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating temp.: 0~40°C</li> <li>• Humidity: 10~90% non-condensing</li> </ul>
<b>Certificates</b>	<ul style="list-style-type: none"> <li>• EMI: CE, FCC ,BSMI ,C-Tick</li> <li>• Safety: CB , 3C, ETL ,BSMI</li> <li>• Others: RoHS and Energy Star 5 Compliance</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• 24 Months Pick-Up-And-Return Service</li> </ul>



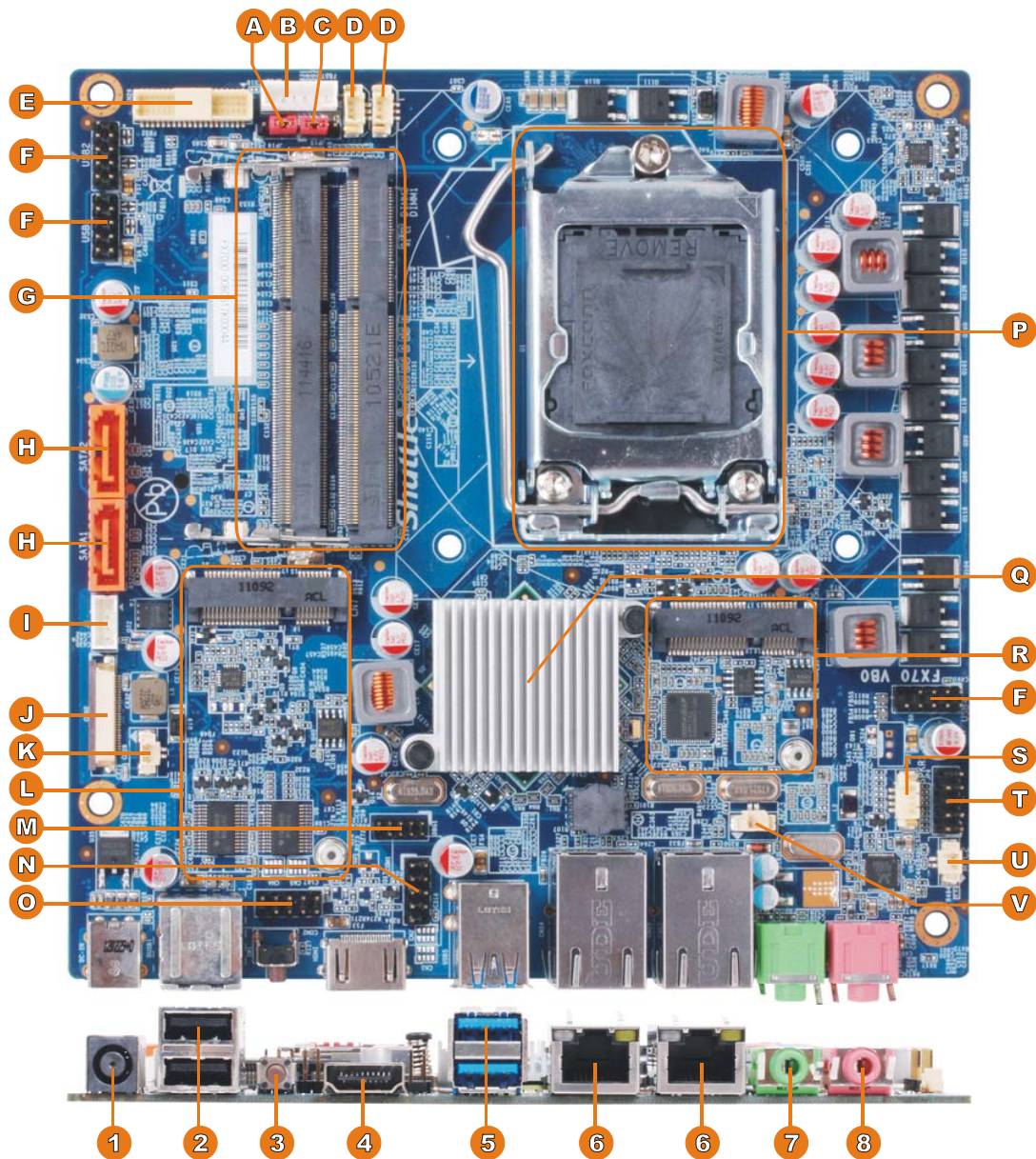
Images for illustration purposes only.

Shuttle All-in-One PC X 7000T – Connectors



- |                              |                                     |                               |
|------------------------------|-------------------------------------|-------------------------------|
| <b>A</b> 2x USB 2.0 ports    | <b>I</b> Power LED indicator        | <b>Q</b> Microphone input     |
| <b>B</b> Power button        | <b>J</b> Hard disk LED indicator    | <b>R</b> Headphone / line-out |
| <b>C</b> Webcam              | <b>K</b> 2x serial ports (optional) | <b>S</b> 2x LAN ports         |
| <b>D</b> Microphone          | <b>L</b> Parallel port (optional)   | <b>T</b> 2x USB 3.0 ports     |
| <b>E</b> Touchscreen display | <b>M</b> Ventilation grilles        | <b>U</b> HDMI video port      |
| <b>F</b> Stereo speakers     | <b>N</b> Kensington® lock hole      | <b>V</b> 2x USB 2.0 ports     |
| <b>G</b> SD card reader      | <b>O</b> Stand / handle             | <b>W</b> DC voltage input     |
| <b>H</b> 2x USB 2.0 ports    | <b>P</b> VESA mount area            | <b>X</b> Serial port          |

Shuttle All-in-One PC X 7000T – Mainboard



<b>A</b>	Panel voltage selection jumper
<b>B</b>	Power for LVDS
<b>C</b>	Converter voltage selection jumper
<b>D</b>	CPU cooling fan connector
<b>E</b>	LVDS connector
<b>F</b>	USB 2.0 (three headers with 2 ports)
<b>G</b>	Two SO-DIMMs for DDR3 memory
<b>H</b>	Two SATA 3 Gb/s
<b>I</b>	SATA power connector
<b>J</b>	LPC connector
<b>K</b>	Power button
<b>L</b>	Mini-PCIe slot with mSATA, Full-Size
<b>M</b>	EE debug port
<b>N</b>	Serial port COM 1
<b>O</b>	Serial port COM 2

<b>P</b>	LGA1155 socket (max. 65W)
<b>Q</b>	Intel H61 chipset
<b>R</b>	Mini-PCIe slot, half Size
<b>S</b>	Speaker connector
<b>T</b>	PWR header
<b>U</b>	Microphone input
<b>V</b>	Battery connector
<b>1</b>	Power connector
<b>2</b>	Two USB 2.0 ports
<b>3</b>	Clear CMOS button
<b>4</b>	HDMI port
<b>5</b>	Two USB 3.0 ports
<b>6</b>	Two Gigabit LAN port
<b>7</b>	Audio Line out
<b>8</b>	Audio Mic in

## Shuttle X 7000T – Specifications

<i>Chassis</i>	Color: black, matt / non-glossy Dimensions: 468 x 364 x 57mm (WxHxL) 100x100 mm VESA mount capable
<i>Operating system</i>	Windows 7 Home Premium or Windows 7 Professional Windows 8 or Windows 8 Pro 32 or 64 Bit version 6 languages available: German, English, French, Dutch, Italian, Spanish
<i>Touchscreen</i>	Touchscreen function support fingertip input Resistive single-touch or 10-finger multi-touch technology.
<i>Display</i>	46,7 cm / 18,5" LCD display, ratio: 16:9 wide screen panel Resolution: 1366x768 = 1.05 Megapixels Adjustable backlight unit: High power LED
<i>Chipset</i>	Intel® H61 Express Chipset Platform Controller Hub (PCH) Code name: Cougar Point, TDP = 6.1W
<i>BIOS</i>	AMI BIOS in a 8Mbit Flash ROM supports PnP, ACPI 2.0 Supports external USB flash memory card boot up Supports Power fail resume / AC power on state / always on / always off Supports Wake-on-LAN (WOL) from S3, S3, S5 ACPI states Supports Unified Extensible Firmware Interface (UEFI) [1]
<i>Processor</i>	Configurable with a LGA1155 processor: Intel Core i3 / i5 / i7, Pentium or Celeron with a power consumption of up to 65W TDP The Processor integrates PCI-Express, memory controller and the graphics engine on the same die (depends on processor type)
<i>Heat-pipe cooling</i>	Processor heat pipe cooling Processor cooling with heat pipe technology and two fans (6cm)
<i>Memory</i>	Supports up to 16 GB DDR3-1333 memory in two SO-DIMM slots Supports Dual Channel mode



<p><i>Integrated graphics</i></p>	<p>The features of the integrated graphics function [3] depends on the used processor type.                  "Sandy Bridge" processor: Intel® HD Graphics 2000/3000, DirectX 10.1                  "Ivy Bridge" processor: Intel® HD Graphics 2500/4000, DirectX 11                  Maximum shared memory size: 1692MB                  Supports HDMI, max. resolution up to 1920x1200 @ 60Hz                  Supports HDCP function via HDMI port                  Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback via the HDMI port                  Supports Dual-Independent-Display via HDMI and the integrated display                  HDMI supports HD video plus multi-channel digital audio via a single cable</p>
<p><i>Audio</i></p>	<p>Audio Realtek® ALC 269 High-Definition Audio                  Two analog audio connectors (3.5 mm):                  1) Microphone input                  2) Front Line out (head phone)                  Digital audio output via HDMI</p>
<p><i>Dual Gigabit</i></p>	<p>Dual Realtek 8111E Ethernet network controller (Gigabit)                  Supports 10 / 100 / 1.000 MBit/s operation                  With two RJ45 ports (dual network) supports Teaming [3]                  Supports WAKE ON LAN (WOL)                  Supports network boot by Preboot eXecution Environment (PXE)</p>
<p><i>Wireless Network (WLAN)</i></p>	<p>Supports IEEE 802.11b/g/n                  max. 300 Mbps up-/downstream                  2T2R: two built-in antennas (2 transmitter, 2 receiver)                  Half size Mini-PCIe-Card</p>
<p><i>Mini-PCIe</i></p>	<p>X 7000T features two Mini PCI Express expansion slots:                  1) half size, supports PCIe 2.0 and USB 2.0 - occupied with WLAN card                  2) full size, supports PCIe 2.0, SATA 3G and USB 2.0                  e.g. for Mini SATA (mSATA) flash memory cards [4]</p>
<p><i>Hard disk drive or SSD</i></p>	<p>With hard disk drive or SSD device in 6.35cm/2.5" format                  SATA 2.0 interface supports up to 300MB/s data transfer speed</p>
<p><i>Card reader</i></p>	<p>Integrated card reader supports SD, SDHC and SDXC memory flash cards</p>
<p><i>Webcam</i></p>	<p>Integrated Webcam module with 2.0 Megapixel (1600x1200) resolution                  USB interface</p>
<p><i>Microphone and speakers</i></p>	<p>Front panel with integrated Electret Condenser Microphone and                  2x 2W speakers</p>

<i>Connectors</i>	<p>1x HDMI v1.3 (supports digital video and digital audio)                  2x USB 3.0 (back panel)                  6x USB 2.0 (2x left side, 2x right side, 2x back panel)                  2x Gigabit Network (LAN, RJ45)                  1x Microphone input (3,5 mm)                  1x Audio Line-out / head phone (3,5 mm)                  1x Serial Port (RS232, D-Sub)                  1x DC input for external power adapter                  optional: 2x COM (RS-232 + RS-232/422/485), 1x LPT (parallel)</p>
<i>Onboard headers</i>	<p>2x fan headers (2x 3 pins)                  6x USB 2.0 headers (three 2x5 pins)                  1x 24 bit dual channel LVDS port, digital Video port for the display                  2x SATA 2.0 connectors (3 Gbps, 300MB/s)                  1x SATA power connector                  1x LPC header for COM/LPT adapter accessory (optional)                  2x RS-232 (two 2x5 pins)</p>
<i>LEDs and buttons</i>	<p>Power button                  Power LED (blue)                  Hard disk LED (orange)                  Clear CMOS button</p>
<i>Power Adapter</i>	<p>External 120 W AC/DC power adapter (fanless)                  Energy Star 5 compliant                  AC Input: 100~240 V AC, 50~60 Hz                  DC Output: 19 V DC, max. 6.32 A</p>
<i>Included Accessories</i>	<p>Quick Guide                  Driver DVD                  120W Power Adapter                  Power cord</p>
<i>Optional Accessoriess</i>	<p>COM/LPT adapter module PCL70:                  1x parallel and 2x serial (RS-232 + RS-232/422/485)                  supports voltage supply 0V / 5V / 12V</p>
<i>Certifications and Compliance</i>	<p>EMI: CE, FCC, BSMI, C-Tick, CCC                  Safety: CB, BSMI, ETL                  Other compliances: RoHS, Eup Lot6</p>
<i>Environmental criteria</i>	<p>Operating temperature: 0~40°C                  Humidity: 10~90% non-condensing</p>
<i>Conformity</i>	<p>This device is classed as a technical information equipment (ITE) in class B and is intended for use in living room and office. The CE-mark approves the conformity by the EU-guidelines:</p> <ul style="list-style-type: none"> <li>- EMV-guideline 89/336/EWG electromagnetic tolerance</li> <li>- LVD-guideline 73/23/EWG use of electric devices within certain voltage-limits</li> </ul>

Warranty

24 Months Pick-Up-And-Return Service

**[1] HDMI version**

This product uses a HDMI v1.3 port and supports a maximum resolution of 1920 x 1200 pixels.

**[2] Unified Extensible Firmware Interface (UEFI)** - required when booting from hard disks larger than 2.2 TB under Windows 64 bit operating systems such as Windows 7, Windows Vista SP1 and Windows Server 2008/2003 SP1.

**[3] Teaming Modus**

The teaming function allows you to group both available network adapters together to function as a single adapter - a method of creating a virtual LAN. The benefit of this approach is that it enables load balancing and failover.

**[4] mini-SATA (mSATA)**

not to be confused with the "micro SATA" connector, is a newer industry standard which converts the electrical SATA interface (1.5 or 3.0 Gbit/s) to the physical "Mini PCI Express" mini card form factor.

## Shuttle X70S Series Product Comparison

Model	Type	OS	RAM	HDD	Order no	Bar code
X70S	Barebone	-	-	-	PAB-X70S001	811686004233
X 7000T	System	Configurable (BTO)			PAK-X0700T01	-
X 7000TA	System	Windows 8	4 GB	500 GB	PAT-X0700TA1	4046047102587
X 7000XA	System	-	4 GB	500 GB	PAC-X70S011	4046047102594