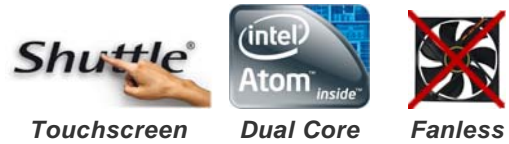# Shuttle®

Fanless All-in-one Touchscreen PC without operating system

The Shuttle X 5030XA is an all-in-one PC boasting a 39.6cm (15.6-inch) LCD touchscreen powered by Intel's dual core Atom processor D2700. This system provides 2GB DDR3 memory, 320 GB hard disk and it comes without operation system. Equipped with Intel's integrated graphics, it provides generous performance for daily computing with internet and office applications. An external display can be connected via HDMI or D-Sub. A 2.0MP webcam, built-in speakers, card reader, WLAN and other features leave nothing you could ask for. Have any applications start up quickly by just touching the screen for working most swiftly and conveniently.

Shuttle All-in-One PC X5030XA *Black System*

Shuttle® Touchscreen | **intel Atom** inside Dual Core | Fanless

Feature Highlights

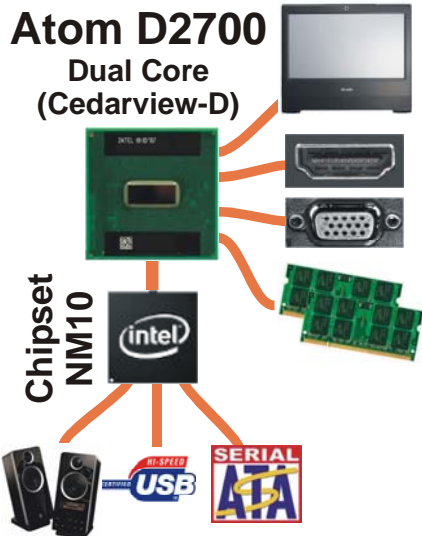|	
All-in-one Design	• Fanless cooling • All-in-One PC with resisitive touchscreen • Small: 391 x 327 x 42 mm (WHL) • Stand can also be used as a handle • 100mm VESA mount capable • External, fanless power supply (40W)
Display & Graphics	• 39.6cm (15.6") resistiive touchscreen with 1366x768 resolution • Integrated graphics (GMA3650, DX9) • HDMI + D-Sub/VGA Video output
CPU & Chipset	• CPU: Intel ATOM D2700 Dual Core 2.13 GHz • Chipset: NM10 (Platform Controller Hub)
Storage	• 2 GB DDR3-1333 SO-DIMM memory • 320 GB SATA hard disk (6.35cm/2.5")
Operating System	• Operating system not included • Compatible with Windows 7, 32 Bit
Connectivity	• HDMI, D-Sub, 4x USB, Microphone-in, Line-out • Gigabit LAN, Wireless LAN (n) • Optional: 2x RS232 und 1x LPT (PCL69)
Built-in	• SD Cardreader • 2.0 Megapixel webcam • 2x 2W speakers • Electret Condenser Microphone
Power Supply	• 40W, fanless, Energy Star 5 compliant
Warranty	• 24 months Bring-in Service

Shuttle order number:
PAC-X50V322

4 046047 102433

Images for illustration purposes only.

www.shuttle.eu

Shuttle X 5030XA - Product Features

All applications at your fingertips

The innovative touchscreen technology delivers the simplest operation possible and makes the screen the centre of action. Its high-quality design lets you control the whole range of multimedia - music, movies, video playback and web browsers start by just touching the screen.

Atom D2700
Dual Core
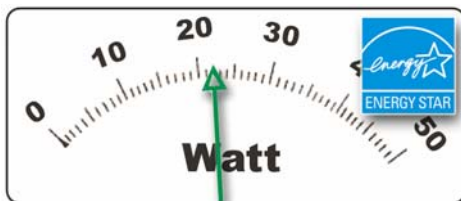**(Cedarview-D)**

Chipset NM10

Atom D2700 processor integrates the graphics core

Shuttle X 5030XA is equipped with Intel's Atom processor D2700, codenamed Cedarview. It brings both the graphics core with HDMI and D-Sub ports and the memory controller on-die which helps reduce the thermal output and memory latency. The CPU is connected to the Southbridge NM10.

Dual Core. Do more.

Shuttle always uses the dual-core variant of Intel's Atom processors and thus integrates the Atom D2700. This boosts the system performance significantly with particular regards to multi-threaded applications.

Power saving

The new X 5030XA version is equipped with an Intel Atom D2700 Dual Core processor and eco-friendly ENERGY STAR 5.0 qualified power adapter that consumes about 20~27 Watt only.

All-in-one PC

Your complete PC system with many components already built in comes in just one single device! This includes the webcam, microphone, display, touchscreen input interface, wireless LAN module and speakers. Helps you save on space, looks simply stylish, reduces cable clutter.

HDMI and D-Sub/VGA Port

The digital HDMI port or the analog D-Sub/VGA port can be used to connect a secondary external LCD display or a beamer to the PC. The integrated graphics unit supports both clone mode and extended mode.

Built-In Webcam and Microphone

The built-in 2.0 mega pixel webcam and microphone makes it easy to take pictures or stream live images from across the internet – and connect in real-time with friends, family, and colleagues.

Slim and chic

Designed as space-savers, this 15.6 inch all-in-one desktop PC only measures 3.6cm in depth.

Fanless - as quiet as 22dBA

The Shuttle X 5030XA features a cooling system that combines an integrated heatsink with thermal pads - and removes the fan. As an additional benefit, it's not only quiet but also dust-free.
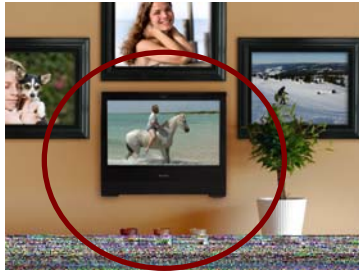
Carrying handle

Cleverly, the stand can be pulled upwards to serve as a handle making the X 5030XA easy to move and carry around.
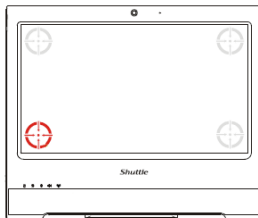
Kensington Lock

This is a small, metal-reinforced hole as part of an anti-theft system. (The lock and cable are is not included.)

VESA mounting

The stand on the rear can easily be removed to unveil four VESA mounting screw holes that can be used for mounting arms and other mounting devices from a variety of manufacturers.

4 Point Touch Screen Calibration

The X 5030XA features a precise touchscreen input device. This can easily be calibrated with the eGalax touch software by just pointing on each corner of the screen using the stylus pen. With this four-point calibration, you can use demanding graphical user interfaces (GUI) that require precise cursor control to properly activate small icons, buttons, scroll bars, etc.

Optional serial and parallel legacy ports

Legacy ports are widely popular among industrial applications. Thus, the X 5030XA optionally provides one parallel and two serial ports on the back panel (Accessory PLC69).
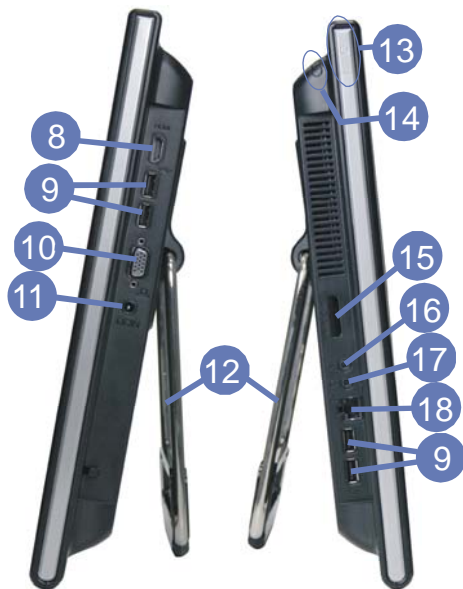
Tiny power adapter

The external 40W power adapter is virtually noiseless and can easily be hidden behind the desk thanks to its tiny dimensions.
Dimensions: 89.5 x 37 x 26.5 mm (LWH) = 88ml

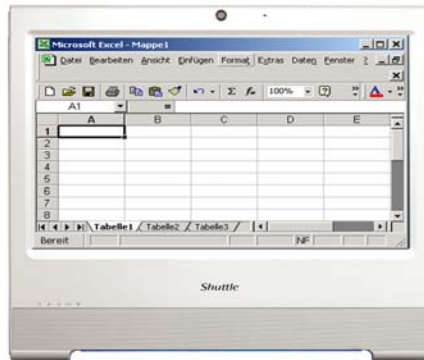## Shuttle X 5030XA Overview (Connectors, buttons, etc.)

1	Touchscreen LCD display
2	Webcam
3	Microphone
4	Power on LED
5	Hard disk LED
6	Wireless LAN LED (Wifi)
7	Stereo speakers
8	HDMI video output
9	4x USB 2.0 connectors
10	D-Sub VGA video output
11	DC-input for power adapter
12	Stand (handle)
13	Power on button
14	Stylus pen with holder
15	Card reader
16	Microphone input
17	Audio line out (head phone)
18	RJ45 Gigabit LAN connector
19	Kensington lock hole
20	Vesa mount
21	2x COM, 1x Par. Ports (optional accessory PCL69)

Shuttle X 5030XA – Range of Applications

Entertainment
Music, Movies,
Photo gallery, TV*

*) TV tuner USB stick
required

Work
Banking, Shopping,
Office, Stock trading

Control
Surveillance,
Home Automation,
Control device

P.O.S.
Point of sales

Education
In schools, at home,
for children and adults

Communication
Email, VoIP, Messenger,
Blog, Video Conferencing

Digital Signage
Visual advertising,
entertainment, displaying
information in public areas

Shuttle X 5030XA Black – Specifications

Fanless and silent	Passive cooling, no fan noise at all Perfect to be used in noise-sensitive environments Fanless, dust-free and thus virtually maintenance-free
Chassis	Colour: black, matt / non-glossy Dimensions: 391.3 x 327 x 42 mm (WxHxL) 100mm VESA mount capable Mounting hole for Kensington lock Weight: 2.93 kg net, 4.2 kg gross
Operating system	This system comes without operating system. It is compatible with Windows 7 32 bit version
Touch-screen	Touchscreen function support fingertip input Resistance and single touch technology Including stylus pen for the touchscreen
39.6cm (15.6-inch) display	39.6cm/15.6" LCD display, ratio: 16:9 wide screen panel Resolution: 1366x768 = 1.05 Megapixels Backlight unit: High power LED
Processor	Intel Dual Core Atom processor D2700 (Codename: Cedarview) Intel Hyper-Threading technology: 2-threads per core 32 nm manufacturing process, Micro-FCBGA11 package Intel 64 architecture, Core clock: 2.13 GHz L2 Cache: 1024kB , TDP: max. 10W Supports SSE2, SSE3, SSSE3, Execute Disable Bit Integrated North Bridge with controller for memory and graphics Passive cooling without any fan
Integrated Graphics	The Graphics Processing Unit (GPU) is integrated into the processor Intel GMA 3650, Graphics Base Frequency: 640 MHz, supports DirectX 9 Maximum shared memory: 8MB pre-allocated plus 384MB Video Memory Technology (DVMT) Two video outputs: HDMI v1.3 and D-Sub (VGA) Supports dual display in clone or extended model
Chipset	Intel® NM10 Express Chipset Platform Controller Hub (PCH), Code name: Tiger Point
BIOS	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]

Memory	2 GB DDR3-1333 / PC3-10667 SO-DIMM memory module with 204 pins Effective clock frequency: 1066 MHz Maximum memory which can be installed: 4GB (2x 2GB or 1x 4GB)
Hard disk	320 GB Serial ATA hard disk in 6.35cm/2.5" form factor
Card reader	Integrated card reader supports SD, SDHC and SDXC memory flash cards
Webcam	Integrated Webcam module with 2.0 Megapixel (1600x1200) resolution
Microphone Speakers	Front panel with integrated Electret Condenser Microphone and 2x 2W speakers
Integrated Audio	IDT92HD81 Audio Codec with Azalia support Two analog audio connectors (3.5mm): 1) Line out (head phone) 2) microphone input Digital Audio is supported via the HDMI port.
Wired Network	RJ45 connector supports Gigabit LAN at 10/100/1000 Mbit/sec. Network controller JMC 251 Supports Wake-on-LAN (WOL) from S3, S3, S5 ACPI states
Wireless LAN (Wifi)	Supports IEEE 802.11b/g/n, max. 150Mbps up-/downstream Security: WPA/WPA2(-PSK), WEP 64/128bit, IEEE 802.11x/i Half size Mini-PCIe-Card
Connectors	HDMI 1.3 (supports digital video and digital audio) VGA connector (D-Sub 15 pol., analog) 4x USB 2.0 (2x left side, 2x right side) Network (LAN, RJ45) Audio Line-out (head phone) Microphone input DC input for external power adapter optional: 2x COM, 1xLPT (Accessory: PCL69)
LEDs and buttons	Power button Power LED (blue) Hard disk LED (orange) Wireless-LAN / Wifi LED (green)
Power adapter	External 40W AC/DC power adapter (fanless) Energy Star 5 compliant AC Input: 100~240V AC, 50~60Hz DC Output: 19V DC, max. 2.1A Dimensions: 27 x 37 x 90 mm DC Connector: 5.5/2.5mm (outer/inner diameter)

Included Accessories	40W Power Adapter Power cord
Optional Accessories	COM/LPT adapter module PCL69: 1x parallel and 2x serial (RS-232) Carrying bag PF55
Certifi-cations	EMI: CE, FCC, BSMI, C-Tick, CCC Safety: CB, BSMI, ETL Other compliances: RoHS, Eup Lot6
Environment	Operating temperature: 0~35°C Humidity: 10~90%
Conformity	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: - EMV-guideline 89/336/EWG electromagnetic tolerance - LVD-guideline 73/23/EWG use of electric devices within certain voltage-limits

Shuttle X 50V3 Series – Product Comparison

Model ->	X50V3 Barebone	X 5030XA	X 5030TA
Type	AIO Barebone	AIO System	AIO System
Operating System	none	none	Windows 7 Home Premium 32 bit
Memory	none	2 GB DDR3-1333	2 GB DDR3-1333
Hard disk	none	320 GB	320 GB
Order No.	White: PAB-X50V311 Black: PAB-X50V312	White: PAH-X503XA1 Black: PAH-X503XB1	White: PAT-X0503TA1 Black: PAT-X0503TA2
Bar code	White: **811686003885** Black: **811686003878**	White: 4046047102426 Black: 4046047102433	White: 4046047102372 Black: 4046047102389