19.5" All-in-One PC for POS, POI, Kiosk, Office Applications

The Shuttle XPC all-in-one P90U is the largest member in Shuttle's product range and is powered by an Intel Ultra-Low-Voltage (ULV) processor, which helps improve on power consumption and computing power. Thanks to its passive cooling, the system is virtually noiseless, maintenance-free and approved for 24/7 nonstop operation. Particularly suitable for vertical applications is the arrange-ment of connectors at the bottom and the IP54 compliant front panel which is dust-protected and protected from splashing of water.

XPC all-in-one Barebone
P90U

Feature Highlights

All-in-One Design	• XPC all-in-one with touchscreen • Dimensions: 487 x 321 x 44 mm • 100 mm VESA mount capable • IP54 compliant front panel • Approved for 24/7 nonstop operation
Display & Graphics	• 49.5 cm (19.5") LCD Display • Resolution: 1600 x 900 pixel • Capacitive 10-point multi-touchscreen • Integrated Intel HD 610 graphics • HDMI 1.4 + D-Sub/VGA Video output
CPU & Cooling	• Intel Celeron 3865U, 1.8 GHz, 15 W TDP • Fanless heatpipe cooling system
Storage (not included)	• Supports max. 2x 16 GB DDR4-2133 SO-DIMM • Supports one 2.5" SATA hard disk / SSD • Supports one M.2-2280 SSD (SATA / PCIe) • Supports internal USB stick (USB 2.0, type A)
Operating System	• Operating system is not included • Supports Windows 10 (64-bit) & Linux (64-bit)
Connectivity	• HDMI 1.4, D-Sub/VGA • 2x USB 3.0, 4x USB 2.0, internal port: 1x USB 2.0 • Microphone input, headphones output • Gigabit LAN, Wireless LAN 802.11ac, BT 4.1
Optional	• PCL71: 2x COM, 1x LPT • POS01: 4x COM (2x D-Sub, 2x RJ45), LPT, RJ11 • PNFC01: NFC support • Supports LTE/USB stick + two external antennas
Built-in	• SD card reader • 2.0 Megapixel HD webcam • 2x 2 W speakers • Electret Condenser Microphone
Power Supply	• External fanless power adapter, 65 W / 19 V • DC-in supports 12 V and 19 V voltage
Warranty	• 24 months Bring-in Service

Images for illustration purposes only.

19.5" Touchscreen

Nonstop operating

Fanless cooling

Front protected: dust & water

Up to four COM ports

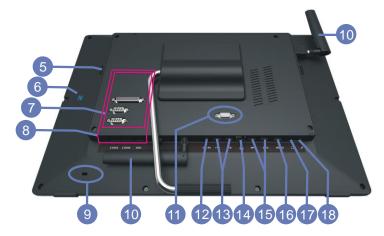**Supports Windows 10 & Linux (64-bit)**

Wireless and Wired Network

2x USB 3.0 4x USB 2.0

Watchdog Hardware

Shuttle XPC all-in-one P90U – Overview

1	Power LED, HDD LED	9	Kensington lock	17	Audio Line-out (headphones)
2	Webcam	10	Optional LTE antennas	18	Microphone Input
3	Microphone	11	D-Sub/VGA Video Output	19	100 x 100 mm VESA mount
4	Touchscreen LCD display	12	DC-input for Power Adapter	20	Stand
5	Stereo speakers	13	2x USB 2.0	21	Power Button
6	Optional NFC	14	RJ45 Gigabit LAN	22	SD Card Reader
7	Optional: 2x COM + LTP (PCL71)	15	2x USB 3.0	23	2x USB 2.0
8	Optional: 4x COM, LPT, RJ11 (POS01)	16	HDMI Video Output		

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