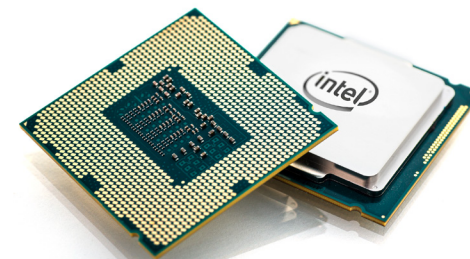
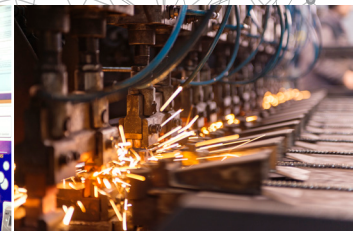
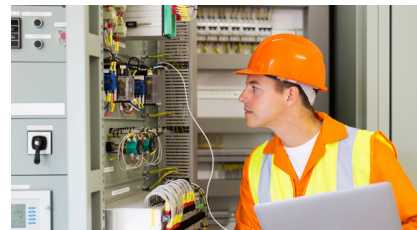
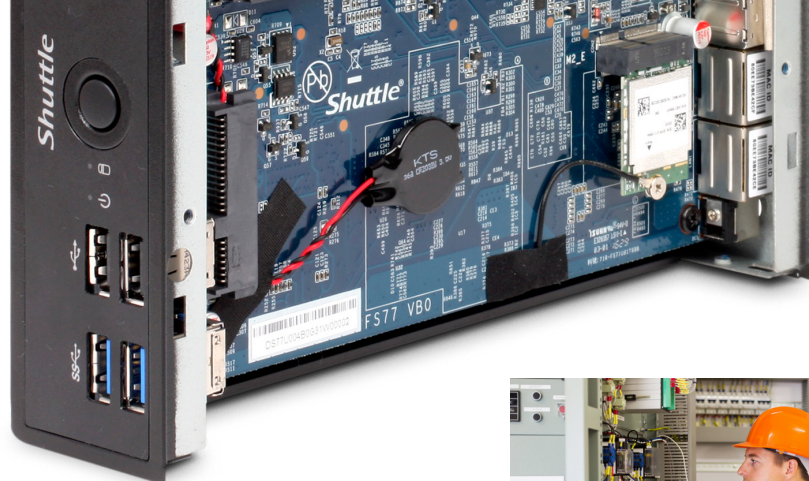
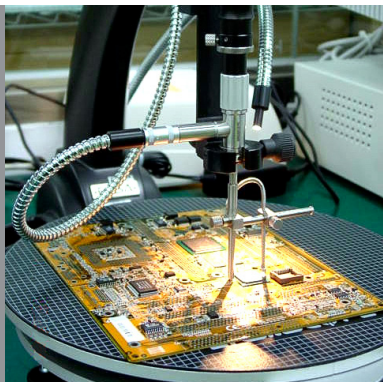


Shuttle®

PRODUCTS 2020



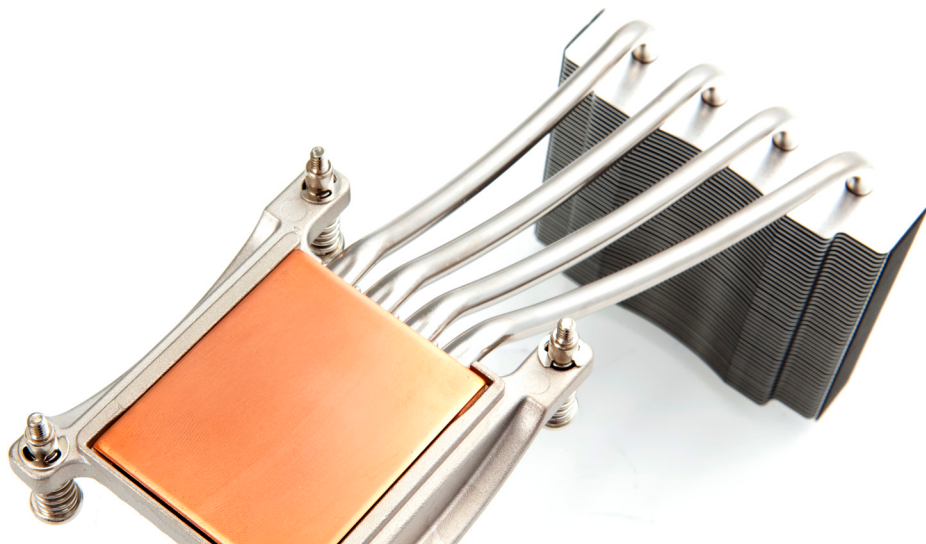


WELCOME TO THE WORLD OF SPACE-SAVING MINI PCs

It all began in 1983. We started early and have been a genuinely pioneering force in the industry since 2001. Over the past 19 years, we have launched an array of space-saving and energy-efficient PCs for every area of application. The unique feature of our machines is the use of sophisticated cooling concepts for minimum operating noise. We manufacture reliable Slim PCs, Mini PCs, and All-in-One PCs for the office – and for extremely demanding professional applications.

COMPANY PROFILE

Established in 1983 in Taiwan, we specialise in the development and production of space-saving Mini PCs. The stock market listed company is represented globally through subsidiaries in Germany, the USA, China and Japan. Since 2001 attractive PC solutions in an array of formats designed for virtually every area of application have been the main business focus of Shuttle. We aim to develop individual solutions for the demanding requirements of customers. Technical innovations such as new chipsets, processors and connections are regularly integrated in new models within a short time of product launch. The range of products has recently been expanded to include fanless Slim PCs.





MILESTONES

2020 — First Bar-Type Signage Display from Shuttle
2019 — Shuttle presents solution for edge computing
2018 — Shuttle adds 11.6" model to its All-in-One PC product range
2017 — Shuttle launches its first model with HDMI 2.0
2016 — Shuttle launches its first model with vPro technology
2015 — Shuttle launches its first model with IP54 certification
2014 — For the first time Shuttle offers ARM-based PCs
2013 — Shuttle celebrates its 30th anniversary since its establishment
2012 — Launch of particularly robust and fanless industrial PCs
2012 — Introduction of OMNINAS (NAS solutions)
2012 — Shuttle adds 18.5" model to its All-in-One PC product range
2011 — Shuttle launches the world's fastest Mini PC
2010 — Shuttle launches its first 1-litre PC (fanless)
2009 — Shuttle starts to use new production facilities in China
2009 — Shuttle launches its first All-in-One PC (fanless)
2008 — Shuttle launches Mini PC with integrated touchscreen
2006 — Shuttle launches its first 3-litre PC
2005 — Shuttle opens branch office in China
2005 — Shuttle launches its first Media-Center XPC

2005 — First Mini PC in the world with two graphics cards in SLI mode
2005 — Tom's Hardware awards Shuttle 'Best SFF PC Maker'
2004 — Shuttle introduces XPC complete system solutions
2004 — Shuttle establishes Japan branch office
2004 — Over one million XPCs shipped
2002 — Shuttle introduces the patented 'I.C.E.' heatpipe cooling system
2001 — Shuttle launches first Shuttle XPC Mini PC
2000 — ISO-14001 certification
2000 — Shuttle Inc. becomes a publicly listed company (TAIEX: 2405)
1999 — ISO-9001 certification
1998 — Shuttle develops the world's first 17×17cm motherboard for OEM market
1997 — Shuttle establishes 3,500 m² production facilities in Taoyuan, Taiwan
1995 — Shuttle recognised as the world's 5th largest mainboard maker
1995 — ISO 9002 and TÜV certification
1990 — Shuttle Computer Handels GmbH established in Germany
1988 — Shuttle Computer Group USA established
1984 — Shuttle begins manufacturing motherboards in Taoyuan, Taiwan
1983 — Shuttle Inc., Taiwan established (formerly Holco)

XPC ALL-IN-ONE

Single-Touch Panel PCs

	11.6" 1366×768	15.6" 1366×768	19.5" 1600×900
With Intel Celeron processor	—	X50V6, X50V7	—
With Intel Core i3 processor	—	X50V6U3, X50V7U3	—

Multi-Touch Panel PCs

	11.6" 1366×768	15.6" 1920×1080	19.5" 1600×900
With Intel Celeron processor	P20U	P51U	P90U
With Intel Core i3 processor	—	P51U3	P90U3
With Intel Core i5 processor	—	—	P90U5

XPC SLIM

Box PCs (fanless)

	Intel Celeron 6 th Generation	Intel Celeron 7 th Generation	Intel Core 7 th Generation	Intel Celeron (Gemini Lake)	Intel Celeron 8 th Generation	Intel Core 8 th Generation
LTE/4G-Ready	—	—	—	DL10J	DS10U	DS10U3, DS10U5, DS10U7
Three digital display connectors	—	DS77U	DS77U3, DS77U5, DS77U7	—	—	—
Supports Windows 7/8.1	DS68U	—	—	—	—	—

EDGE PC

Embedded PCs

	Intel Celeron (Apollo Lake)	Intel Atom (Apollo Lake)	Intel Pentium (Apollo Lake)	NVIDIA Jetson TX2
Temperature range 0 to 50 °C	EN01J3	—	EN01J4	EN01B
Temperature range -20 to 65 °C	—	EN01E	—	—

SIGNAGE DISPLAY

Biometric Signage Solution

	Single Device	1-150 Devices
Content management via app	D230 (standalone)	—
Extended functionality for biometrics and statistics	—	D230 (server-based)

XPC SLIM

Box PCs

	6 th /7 th Generation Intel Core	8 th /9 th Generation Intel Core	7 th Generation Intel Celeron	7 th Generation Intel Core
	—	DH310V2, XH310RV	—	—
Three 4K-ready display connectors	—	DH370	—	—
USB 3.2 Gen 1 (5 Gbit) type C	—	DH310S	—	—
Up to five RS-232 connectors	—	XH310R	—	—
Supports Windows 7/8.1	XH110, XH110V	—	—	—
Room for up to four 2.5" drives	XH270	—	—	—
PCI-Express-×16-3.0	XH110G	—	—	—
With NVIDIA GTX1050 VGA card	—	—	DH02U	DH02U5

XPC CUBE

Compact Industrial Workstations

	6 th /7 th Generation Intel Core	8 th /9 th Generation Intel Core
Room for one optical drive and two hard drives	SH170R6	SH310R4V2, SH370R6V2, SH370R6V2 Plus

Mini Server

Room for up to four hard drives	SZ270R8	SH370R8
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XPC NANO

Industrial Desktop PCs

	7 th Generation Intel Celeron	7 th Generation Intel Core	8 th Generation Intel Celeron	8 th Generation Intel Core	ARM
HDMI 1.4b and DisplayPort 1.2	NC03U	NC03U3, NC03U5	—	—	—
HDMI 2.0a and DisplayPort 1.2	—	—	NC10U	NC10U3, NC10U5, NC10U7	—

Embedded PCs

Android operating system	—	—	—	—	NS02A
Android operating system with PoE	—	—	—	—	NS02E

SOLUTIONS FOR ANY KIND OF APPLICATIONS

Our space-saving Mini PCs are real multi-purpose machines. This is just a small selection of possible scenarios that Shuttle holds a solution for.

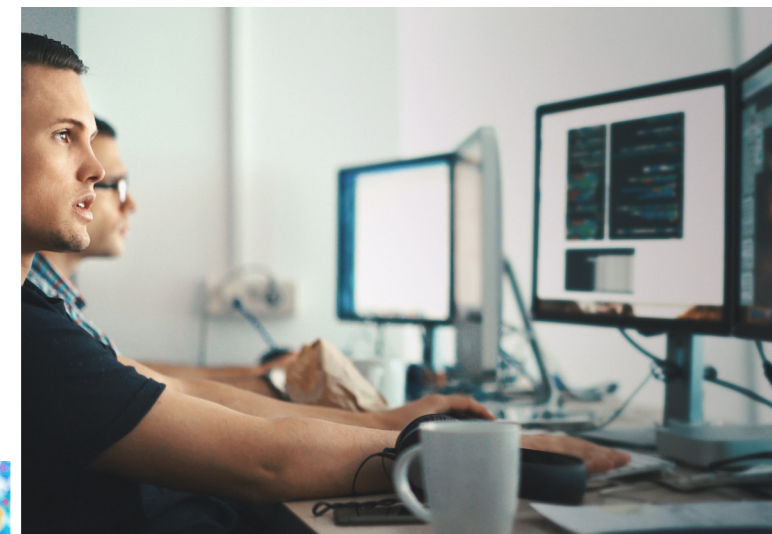


DIGITAL SIGNAGE

Digital advertising areas, information screens and electronic signs are now an integral part of everyday life. Shuttle supplies the right player for every scenario – and for a wide range of operating systems. These compact machines are all characterised by their robust design. They range from ultra-high-performance models and machines with innumerable ports and connections to low-energy, continuously running fanless devices. High-strength steel and a broad temperature spectrum enable installation even in difficult environments.

POS

The purchase of a POS system often represents a considerable capital investment. However, with Shuttle's energy-saving All-in-One PCs in your desired configuration, you save money. Thanks to the tilting pedestal and standard installation mount, these machines can be installed almost anywhere. And our new IP54-compliant models are now even more robust. Maximum flexibility in terms of choice of hardware and software enables the creation of a POS solution that exactly meets your requirements.



SERVER

As a UTM/firewall, file server, web server or mail server and much more – the Mini-PCs from Shuttle cut a fine figure. Two network connections (and even more via expansion cards) as well as Wi-Fi make it possible to set up versatile server services or integrate them into existing complex network structures. Powerful processors guarantee a high packet throughput rate and up to 128 GB of memory enable virtualisation. Shuttle offers various solutions in different chassis formats for your specific server.



INDUSTRY

Even in tough environments in which supreme reliability particularly matters, people choose products from Shuttle. Are you looking for fanless Mini-PCs for production environments and logistics centres? Perhaps robust technology for inter-linked control cabinets with lots of inputs and outputs? Even versions with superb performance for demanding real-time calculations in the area of image recognition and data capture are available. Allow yourself to be impressed by our variety of products. If you have any questions, we will be happy to advise you.

OFFICE

It is important to be able to work without disturbances and distracting noises. And a Shuttle slim desktop PC is the ideal companion at work – it stays discreetly in the background, but is also able to spring into action when needed. These tiny PC solutions meet your requirements precisely. You have a wide choice of processors, for example the energy-saving, dual-core Intel Celeron or the extremely powerful Intel Core i7 models. Is just 8 GB plenty for you or do you need 64 GB of memory? And what about the number of drives and network and data connections? Whatever your requirements, we have the right model for you.



GAMING

Over 60 frames per second, in highest resolution and with maximum depth of detail guarantee thrilling matches on the screen. The XPC cubes from Shuttle offer space for current Intel Core processors, up to 128 GB of RAM and the latest dual-slot graphics cards. In conjunction with a quick NVMe SSD, you can move on to the next map and a higher level without a long wait. One major advantage of Mini-PCs is their space-saving size. This means that a Shuttle XPC cube can swiftly be stored away in a small bag and then easily set up anywhere.

Panel PCs



Resistive 15.6" Single-Touch Panel PCs



X50V6xx, X50V7xx

CASE CHARACTERISTICS

Plastic case with integrated touchscreen
Available in black or white
Movable stand or 75/100 VESA mount
Connectors on the side and bottom of the case
One bay for a 2.5" HDD/SSD
One slot for an NVMe SSD
Status LEDs
Camera with 2 megapixel
Stereo speakers and microphone
External power supply
Fanless cooling
IP54 protection of front panel
Ambient temperature range 0–40 °C
Air humidity range 10–90 %
4.2 × 39.1 × 32.7 cm (LWH)

PERFORMANCE FEATURES

Display	1366×768, resistive single-touch screen, 39.6 cm (15.6")			
Processor	Intel Celeron 3865U	Intel Core i3-7100U	Intel Celeron 4205U	Intel Core i3-8145U
Slots	1× M.2-2230, 1× M.2-2280			
Empty slots	1× M.2-2280			
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)			
Graphics	Intel HD Graphics 610	Intel HD Graphics 620	Intel UHD Graphics 610	Intel UHD Graphics 620
Display connectors	1× HDMI 1.4b, 1× VGA			
Network	1× Gigabit Ethernet (Intel i211), Wi-Fi (n)		1× Gigabit Ethernet (Intel i211), Wi-Fi (ac), Bluetooth	
External connections	2× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, audio, mic		4× USB 3.2 Gen 1 (5 Gbit) type A, 2× USB 2.0 type A, audio, mic	
Internal connections	1× USB 2.0 type A, 1× SATA			
Drives	1× 2.5" SATA, 1× NVMe, SD card reader			
Power supply	65 Watt, 19 Volt DC			
Supported operating voltage	12 Volt ±5 % and 19 Volt ±5 %			
OS support	Windows 10, Linux (64 Bit)			
Further information	go.shuttle.eu/mcvx4	go.shuttle.eu/4z6s2	TBA	TBA
Options	1× Parallel + 2× RS-232 or 1× Parallel + 4× RS-232 + 1× DIO			

Capacitive 11.6" Multi-Touch Panel PCs



XPC ALL-IN-ONE

P20U

CASE CHARACTERISTICS

Plastic case with integrated touchscreen
Detachable cable collector box
Movable stand or 75/100 VESA mount
Connectors on the side and bottom of the case
One bay for a 2.5" HDD/SSD
One slot for an NVMe SSD
Camera with 1 megapixel
Speaker and microphone
External power supply
Fanless cooling
IP54 protection of front panel
Ambient temperature range 0–40 °C
Air humidity range 10–90 %
5.0 × 29.9 × 27.1 cm (LWH)

PERFORMANCE FEATURES

Display	1366×768, capacitive 10-point multi-touch screen, 29.5 cm (11.6")
Processor	Intel Celeron 3865U
Slots	1× M.2-2230, 1× M.2-2280
Empty slots	1× M.2-2280
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)
Graphics	Intel HD Graphics 610
Display connectors	1× HDMI 1.4b, 1× VGA
Network	1× Gigabit Ethernet (Intel i211), Wi-Fi (n), Bluetooth 4.1
External connections	2× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, 2× RS-232, audio, mic
Internal connections	1× USB 2.0 type A, I ² C, 1× SATA
Drives	1× 2.5" SATA, 1× NVMe, SD card reader
Power supply	65 Watt, 19 Volt DC
Supported operating voltage	12 Volt ±5 % and 19 Volt ±5 %
OS support	Windows 10, Linux (64 Bit)
Further information	go.shuttle.eu/6ze7m
Options	NFC module, 2× RS-232

Panel PCs

Capacitive 15.6" Multi-Touch Panel PCs with Battery Option

XPC ALL-IN-ONE



P51xx

CASE CHARACTERISTICS

Plastic case with integrated touchscreen
Room for internal battery, hours of mobile operation
Movable stand or 75/100 VESA mount
Connectors on the side and bottom of the case
One bay for a 2.5" HDD/SSD
One slot for an NVMe SSD
Camera with 2 megapixel
Stereo speaker and microphone
Always-On-Funktion
External power supply
Fanless cooling
IP54 protection of front panel
Ambient temperature range 0–40 °C
Air humidity range 10–90 %
4.0 × 39.4 × 27.3 cm (LWH)



P51U

P51U3

PERFORMANCE FEATURES

Display	1920×1080, capacitive 10-point multi-touch screen, 39.6 cm (15.6")	
Processor	Intel Celeron 4205U	Intel Core i3-8145U
Slots	1× M.2-2230, 1× M.2-2280	
Empty slots	1× M.2-2280	
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)	
Graphics	Intel UHD Graphics 610	Intel UHD Graphics 620
Display connectors	1× HDMI 1.4b, 1× VGA	
Network	1× Gigabit Ethernet (Intel i211), Wi-Fi (ac), Bluetooth 4.2	
External connections	2× USB 3.2 Gen 1 (5 Gbit) type A, 2× USB 2.0 type A, 2× RS-232, audio, mic	
Internal connections	1× USB 2.0 type A, 1× I ² C, 1× SATA	
Drives	1× 2.5" SATA, 1× NVMe, SD card reader	
Power supply	65 Watt, 19 Volt DC	
Supported operating voltage	12 Volt ±5 % and 19 Volt ±5 %	
OS support	Windows 10, Linux (64 Bit)	
Further information	go.shuttle.eu/prhv4	TBA
Options	NFC module, 2× RS-232, Li-Ion battery	

Capacitive 19.5" Multi-Touch Panel PCs



XPC ALL-IN-ONE

P90xx

CASE CHARACTERISTICS

Plastic case with integrated touchscreen
Available in black or white
Movable stand or 75/100 VESA mount
Connectors on the side and bottom of the case
One bay for a 2.5" HDD/SSD
One slot for an NVMe SSD
Camera with 2 megapixel
Stereo speaker and microphone
Always on jumper
External power supply
Fanless cooling
IP54 protection of front panel
Ambient temperature range 0–40 °C
Air humidity range 10–90 %
4.4 × 48.7 × 32.1 cm (LWH)

P90U

P90U3

P90U5

PERFORMANCE FEATURES

Display	1600×900, capacitive 10-point multi-touch screen, 39.6 cm (19.5")		
Processor	Intel Celeron 3865U	Intel Core i3-7100U	Intel Core i5-7200U
Slots	1× M.2-2230, 1× M.2-2280		
Empty slots	1× M.2-2280		
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)		
Graphics	Intel HD Graphics 610	Intel HD Graphics 620	
Display connectors	1× HDMI 1.4b, 1× VGA		
Network	1× Gigabit Ethernet (Intel i211), Wi-Fi (ac), Bluetooth 4.1		
External connections	2× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, audio, mic		
Internal connections	1× USB 2.0 type A, 1× I²C, 1× SATA		
Drives	1× 2.5" SATA, 1× NVMe, SD card reader		
Power supply	65 Watt, 19 Volt DC		
Supported operating voltage	12 Volt ±5 % and 19 Volt ±5 %		
OS support	Windows 10, Linux (64 Bit)		
Further information	go.shuttle.eu/c38sz	go.shuttle.eu/5xu42	go.shuttle.eu/sa8zh
Options	NFC module, 1× Parallel + 2× RS-232 or 1× Parallel + 4× RS-232 + 1× DIO		

Box PCs (fanless)

XPC SLIM



DS10x, DS68x, DS77xx

CASE CHARACTERISTICS

Steel chassis for different operating positions
Stand for vertical operation and VESA-/wall mount
Connectors on the front and rear
One bay for a 2.5" HDD/SSD
One slot for an NVMe SSD
Status LEDs
Remote power on connector
Always on jumper
External power supply
Weight 1,430–1,500 g
Fanless cooling
Ambient temperature range 0–40 °C
Air humidity range 10–90 %
20.0 × 16.5 × 3.95 cm (LWH)

PERFORMANCE FEATURES

Processor	Intel Celeron 4205U	Intel Core i3-8145U	Intel Core i5-8265U	Intel Core i7-8565U
Slots	1× M.2-2230, 1× M.2-2280			
Empty slots	1× M.2-2280			
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)			
Graphics	Intel UHD Graphics 610	Intel UHD Graphics 620		
Display connectors	1× HDMI 2.0a, 1× DisplayPort 1.2, 1× VGA			
Network	2× Gigabit Ethernet (1× Intel i211, 1× Intel i219LM), Wi-Fi (ac), Bluetooth 4.0			
External connections	4× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, 1× RS-232, audio, mic, Wi-Fi antenna	4× USB 3.2 Gen 2 (10 Gbit) Typ A, 4× USB 2.0 Typ A, 1× RS-232, audio, mic, Wi-Fi antenna		
Internal connections	1× USB 2.0, 1× SATA			
Drives	1× 2.5" SATA, 1× NVMe, SD card reader			
Power supply	65 Watt, 19 Volt DC			
Supported operating voltage	12 Volt ±5 % and 19 Volt ±5 %			
OS support	Windows 10, Linux (64 Bit)			
Further information	go.shuttle.eu/jqz-l	go.shuttle.eu/vu57c	go.shuttle.eu/p20ks	go.shuttle.eu/4elor
Options	DIN rail mount, 19" 2U rack mount kit, LTE kit, cable for external power button			

Fanless Industrial PCs



DS68U

DS77U

DS77U3

DS77U5

DS77U7

PERFORMANCE FEATURES

Processor	Intel Celeron 3855U	Intel Celeron 3865U	Intel Core i3-7100U	Intel Core i5-7200U	Intel Core i7-7500U
Slots	1× M.2-2230, 1× M.2-2280				
Empty slots	1× M.2-2280				
Memory	Up to 2× 16 GB DDR3L SO-DIMM (32 GB)		Up to 2× 16 GB DDR4 SO-DIMM (32 GB)		
Graphics	Intel HD Graphics 510	Intel HD Graphics 610	Intel HD Graphics 620		
Display connectors	1× HDMI 1.4b, 1× VGA		2× HDMI 1.4b, 1× DisplayPort 1.2		
Network	2× Gigabit Ethernet (1× Intel i211, 1× Intel i219LM), Wi-Fi (n)				
External connections	4× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, 2× RS-232, audio, mic				
Internal connections	1× USB 2.0, 1× SATA				
Drives	1× 2.5" SATA, 1× NVMe, SD card reader				
Power supply	65 Watt, 19 Volt DC				
Supported operating voltage	12 Volt ±5 % and 19 Volt ±5 %				
OS support	Windows 7, Windows 8.1, Windows 10, Linux (64 Bit)	Windows 10, Linux (64 Bit)			
Further information	go.shuttle.eu/m1xc4	go.shuttle.eu/y902o	go.shuttle.eu/l40pd	go.shuttle.eu/k8m0f	go.shuttle.eu/x53ez
Options	DIN rail mount, 19" 2U rack mount kit, Wi-Fi (ac) & Bluetooth, cable for external power button				

Box PCs (fanless)

XPC SLIM



CASE CHARACTERISTICS

Steel chassis for different operating positions
Desktop PC, ready for VESA-/ wall mount
Connectors on the front and rear
One bay for a 2.5" HDD/SSD
One slot for an NVMe SSD
Status LEDs
Remote power on connector
Always on jumper
External power supply
Weight 1,300 g
Fanless cooling
Ambient temperature range 0–40 °C
Air humidity range 10–90 %
19.0 × 16.5 × 4.3 cm (LWH)

PERFORMANCE FEATURES

Processor	Intel Celeron J4005
Slots	1× M.2-2230, 1× M.2-2280
Empty slots	1× M.2-2280
Memory	Up to 1× 8 GB DDR4 SO-DIMM
Graphics	Intel UHD Graphics 600
Display connectors	1× HDMI 1.4b, 1× DisplayPort 1.2, 1× VGA
Network	1× Gigabit Ethernet (Intel i211), Wi-Fi (n)
External connections	2× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, 2× RS-232, audio, mic, Wi-Fi antenna
Internal connections	Speaker, 1× SATA
Drives	1× 2.5" SATA, 1× NVMe, SD card reader
Power supply	40 Watt, 19 Volt DC
Supported operating voltage	12 Volt ±5 % and 19 Volt ±5 %
OS support	Windows 10, Linux (64 Bit)
Further information	go.shuttle.eu/oh-8v
Options	LTE kit, DIN rail mount, vertical stand, 19" 2U rack mount kit, cable for external power button

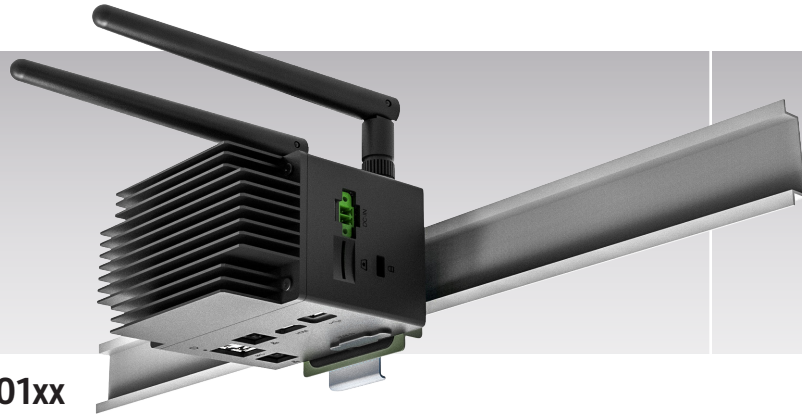
Fanless Industrial PCs



DL10J

Embedded PCs

Edge PCs



EDGE PC

EN01xx

CASE CHARACTERISTICS

Steel chassis for different operating positions
Desktop PC, ready for VESA-/DIN rail and wall mount
Connectors on the side and rear
One slot for an LTE/4G module
Slot for a nano SIM card
Recovery-Button (EN01B only)
Standard Euroblock 2-pin power supply connector
Status-LED
Weight 480 g
Fanless cooling (except EN01B)
Ambient temperature range -20-65°C (EN01J3/EN01J4 0-40 °C)
Air humidity range 10-90 %
9.2 × 5.4 × 9 cm (LWH)

PERFORMANCE FEATURES

Processor	Celeron J3355	Pentium J4205	Atom x5-E3940	
Slots	1× M.2-3032 B			
Empty slots	1× M.2-3032 B			
Memory	4 GB	8 GB		TBA
Graphics	Intel HD Graphics 500	Intel HD Graphics 505	Intel HD Graphics 500	NVIDIA Jetson TX2
Display connectors	1× HDMI 1.4b			
Network	1× Gigabit Ethernet (Realtek RTL8119I-CG)			
External connections	2× USB 3.2 Gen 1 (5 Gbit) type A, 1× Micro USB 2.0			
Internal connections	I/O header with two serial ports, 4× GPIO, I²C			
Drives	64 GB Flash, SD card reader			
Power supply	—			
Supported operating voltage	12 Volt ±5 % to 19 Volt ±5 %			
OS support	Windows 10, Linux (64 Bit)			Linux (64 Bit)
Options	HDMI capture card, PoE module, PSE module, LTE antennas, power supply			

Box PCs

Compact Industrial PCs

XPC SLIM



DH3xxx

DH370

DH310S

DH310V2

CASE CHARACTERISTICS

Steel chassis for different operating positions
Desktop PC, ready for VESA-/ wall mount
Connectors on the front and rear
One bay for a 2.5" HDD/SSD
One slot for an NVMe SSD
Status LEDs
Remote power on connector
Always on jumper
External power supply
Weight 1,300 g
Heatpipe cooling
Two linear controlled fans (60 mm)
Ambient temperature range 0–50 °C
Air humidity range 10–90 %
19.0 × 16.5 × 4.3 cm (LWH)

PERFORMANCE FEATURES

Processor socket	LGA 1151v2, TDP max. 65 Watt		
Processor compatibility	Intel Core i3/i5/i7/i9, Pentium, Celeron (8 th /9 th Generation, 'Coffee Lake')		
Slots	1× M.2-2230, 1× M.2-2280		
Empty slots	1× M.2-2230, 1× M.2-2280		
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)		
Graphics	Integrated in processor		
Display connectors	1× HDMI 2.0a, 2× DisplayPort 1.2	1× HDMI 1.4b, 1× DisplayPort 1.2	1× HDMI 2.0a, 1× DisplayPort 1.2
Network	2× Gigabit Ethernet (Intel i211)	1× Gigabit Ethernet (Realtek 8111H)	2× Gigabit Ethernet (Intel i211)
External connections	4× USB 3.2 Gen 2 (10 Gbit) type A, 4× USB 3.2 Gen 1 (5 Gbit) type A, 2× RS-232, audio, mic	3× USB 3.2 Gen 1 (5 Gbit) type A, 1× USB 3.2 Gen 1 (5 Gbit) type C, 4× USB 2.0 type A, audio, mic	4× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, 2× RS-232, audio, mic
Internal connections	VGA, 1× SATA		
Drives	1× 2.5" SATA, 1× NVMe, SD card reader		
Power supply	90 Watt, 19 Volt DC		
Supported operating voltage	19 Volt ±5 %		12 Volt ±5 % and 19 Volt ±5 %
OS support	Windows 10, Linux (64 Bit)		
Further information	go.shuttle.eu/91iq4	go.shuttle.eu/bthsn	go.shuttle.eu/6aigt
Options	VGA connector, Wi-Fi (ac) & Bluetooth, DIN rail mount, vertical stand, 19" 2U rack mount kit, cable for external power button		

Multi-Display Industrial PCs



XPC SLIM

DH02x

CASE CHARACTERISTICS

Steel chassis for different operating positions
Desktop PC, ready for VESA- / wall mount
Connectors on the front and rear
One bay for a 2.5" HDD/SSD
One slot for an NVMe SSD
Status LEDs
Remote power on connector
Always on jumper
External power supply
Weight 1,030 g
Heatpipe cooling
Two linear controlled fans (60 and 50 mm)
Ambient temperature range 0–50 °C
Air humidity range 10–90 %
19.0 × 16.5 × 4.3 cm (LWH)

DH02U

DH02U5

PERFORMANCE FEATURES

Processor	Intel Celeron 3865U	Intel Core i5-7200U
Slots	1× M.2-2230, 1× M.2-2280	
Empty slots	1× M.2-2230, 1× M.2-2280	
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)	
Graphics	NVIDIA GeForce GTX 1050, 4 GB	
Display connectors	4× HDMI 2.0b	
Network	1× Gigabit Ethernet (Intel i211)	
External connections	4× USB 3.2 Gen 1 (5 Gbit) type A, 2× USB 2.0 type A, 1× RS-232, audio, mic	
Internal connections	Audio I/O, VGA, 1× SATA	
Drives	1× 2.5" SATA, 1× NVMe	
Power supply	120 Watt, 19 Volt DC	
Supported operating voltage	19 Volt ±5 %	
OS support	Windows 10, Linux (64 Bit)	
Further information	go.shuttle.eu/8omab	go.shuttle.eu/o36bw
Options	Wi-Fi (ac) & Bluetooth, DIN rail mount, vertical stand, 19" 2U rack mount kit, cable for external power button	

Box PCs

XPC SLIM



XH310x, XH110x, XH270

CASE CHARACTERISTICS

Steel chassis for different operating positions
Desktop PC, ready for VESA-/ wall mount
Connectors on the front and rear
One to four 2.5" drive bays (SSD/HDD)
One slot for an NVMe SSD
One bay for an optical slimline drive (except XH110G)
Status LEDs
Remote power on connector (depending on model)
Always on jumper
External power supply
Weight 2,200 g
Heatpipe cooling
Two linear controlled fans (60 mm)
Ambient temperature range 0–50 °C
Air humidity range 10–90 %
23.8 × 20.0 × 7.25 cm (LWH)

PERFORMANCE FEATURES

	XH310R	XH310RV	XH110
Processor socket	LGA 1151v2, TDP max. 65 Watt		LGA 1151, TDP max. 65 Watt
Processor compatibility	Intel Core i3/i5/i7/i9, Pentium, Celeron (8 th /9 th Generation, 'Coffee Lake')		Intel Core i3/i5/i7, Pentium, Celeron (6 th /7 th Generation, 'Skylake/Kaby Lake')
Slots	1× M.2-2230, 1× M.2-2280		
Empty slots	1× M.2-2230, 1× M.2-2280		
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)		
Graphics	Integrated in processor		
Display connectors	1× HDMI 2.0a, 1× DisplayPort 1.2, 1× VGA		1× HDMI 1.4b, 1× DisplayPort 1.2, 1× VGA
Network	2× Gigabit Ethernet (Intel i211)		2× Gigabit Ethernet (1× Intel i211, 1× Intel i219LM)
External connections	4× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, 2× RS-232, audio, mic		4× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, 2× RS-232, PS/2 combo, audio, mic
Internal connections	1× USB 2.0, eDP, 3× SATA, 2× RS-232, LPC		1× USB 2.0, VGA, 3× SATA, LPC
Drives	2× 2.5" SATA, 1× Slimline SATA, 1× NVMe		
Power supply	90 Watt, 19 Volt DC		
Supported operating voltage	12 Volt ±5 % and 19 Volt ±5 %		
OS support	Windows 10, Linux (64 Bit)		Windows 7, Windows 8.1, Windows 10, Linux (64 Bit)
Further information	go.shuttle.eu/xrlye	go.shuttle.eu/jag8q	go.shuttle.eu/uspy3
Options	Wi-Fi (ac) & Bluetooth, vertical stand, VESA mount, 3× RS-232, 3.5" HDD rack, cable for external power button	Wi-Fi (ac) & Bluetooth, vertical stand, VESA mount, 3.5" HDD rack, cable for external power button	Wi-Fi (ac) & Bluetooth, vertical stand, VESA mount, VGA connector, 3.5" HDD rack

Versatile Semi-Industrial PCs



XH110V



XH110G



XH270

XPC SLIM

PERFORMANCE FEATURES

Processor socket	LGA 1151, TDP max. 65 Watt		
Processor compatibility	Intel Core i3/i5/i7, Pentium, Celeron (6 th /7 th Generation, 'Skylake/Kaby Lake')		
Slots	1× M.2-2230, 1× M.2-2280	1× M.2-2230, 1× M.2-2280, 1× PCI-Express-×16-3.0	1× M.2-2230, 1× M.2-2280
Empty slots	1× M.2-2230, 1× M.2-2280	1× M.2-2230, 1× M.2-2280, 1× PCI-Express-×16-3.0	1× M.2-2230, 1× M.2-2280
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)		
Graphics	Integrated in processor		
Display connectors	1× HDMI 1.4b, 1× DisplayPort 1.2	1× HDMI 1.4b, 1× VGA	1× HDMI 1.4b, 1× DisplayPort 1.2, 1× VGA
Network	2× Gigabit Ethernet (1× Intel i211, 1× Intel i219LM)	1× Gigabit Ethernet (Intel i211)	2× Gigabit Ethernet (Intel i211)
External connections	4× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, 2× RS-232, PS/2 combo, audio, mic	2× USB 3.2 Gen 1 (5 Gbit) type A, 6× USB 2.0 type A, audio, mic	4× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, 1× RS-232, audio, mic
Internal connections	1× USB 2.0, VGA, 3× SATA, LPC	1× USB 2.0 type A, 1× SATA	2× USB 2.0, 4× SATA, LPC
Drives	2× 2.5" SATA, 1× Slimline SATA, 1× NVMe	1× 2.5" SATA, 1× NVMe	4× 2.5" SATA, 1× NVMe
Power supply	90 Watt, 19 Volt DC	180 Watt, 19 Volt DC	120 Watt, 19 Volt DC
Supported operating voltage	19 Volt ±5 %		
OS support	Windows 7, Windows 8.1, Windows 10, Linux (64 Bit)		
Further information	go.shuttle.eu/pecuw	go.shuttle.eu/hr79t	go.shuttle.eu/qcgju
Options	Wi-Fi (ac) & Bluetooth, vertical stand, VESA mount, VGA connector, 3.5" HDD rack	Wi-Fi (ac) & Bluetooth, vertical stand	Wi-Fi (ac) & Bluetooth, vertical stand, VESA mount

Mini Server

XPC CUBE



SH3xxxx, SH1xxxx

CASE CHARACTERISTICS	Aluminium case
	Desktop PC
	Connectors on the front and rear
	2 Bays for 3.5" HDD/SSD (4 Bays for 2.5" HDD/SDD with optional drive holder)
	One slot for an NVMe SSD
	One bay for optical 5.25" drive
	Status LEDs
	Internal power supply
	Weight 3,500 g
	Heatpipe cooling
	One linear controlled fan (92 mm)
	Ambient temperature range 0–40 °C Air humidity range 10–90 % 33.2 × 21.5 × 19.0 cm (LWH)

SH370R6V2

SH370R6V2 Plus

PERFORMANCE FEATURES	Processor socket	LGA 1151v2, TDP max. 95 Watt	
	Processor compatibility	Intel Core i3/i5/i7/i9, Pentium, Celeron (8 th /9 th Generation, 'Coffee Lake')	
	Slots	1 × M.2-2230, 1 × M.2-2280, 1 × PCIe-×16-3.0, 1 × PCIe-×4-3.0	
	Empty slots	1 × M.2-2230, 1 × M.2-2280, 1 × PCIe-×16-3.0, 1 × PCIe-×4-3.0	
	Memory	Up to 4 × 32 GB DDR4 DIMM (128 GB)	
	Graphics	Integrated in processor	
	Display connectors	1 × HDMI 2.0a, 2 × DisplayPort 1.2	
	Network	2 × Gigabit Ethernet (Intel i211)	
	External connections	4 × USB 3.2 Gen 2 (10 Gbit) type A, 4 × USB 3.2 Gen 1 (5 Gbit) type A, 4 × USB 2.0 type A, audio, mic	
	Internal connections	RS-232, 2 × USB 2.0, 4 × SATA, fan connector	
	Drives	4 × 2.5" SATA/2 × 3.5" SATA/1 × 5.25" SATA, 1 × NVMe	
	Power supply	300 Watt	500 Watt
	Supported operating voltage	100 Volt to 240 Volt	
	OS support	Windows 10, Linux (64 Bit)	
	Further information	go.shuttle.eu/jx03q	go.shuttle.eu/7chxj
Options		RS-232, Wi-Fi (ac) & Bluetooth, 2.5" HDD/SSD expansion frame	

Compact Industrial Workstations



SH170R6



SH310R4V2

XPC CUBE

PERFORMANCE FEATURES

Processor socket	LGA 1151, TDP max. 95 Watt	LGA 1151v2, TDP max. 95 Watt
Processor compatibility	Intel Core i3/i5/i7, Pentium, Celeron (6 th /7 th Generation, 'Skylake/Kaby Lake')	Intel Core i3/i5/i7/i9, Pentium, Celeron (8 th /9 th Generation, 'Coffee Lake')
Slots	1× Mini-PCIe, 1× M.2-2280, 1× PCIe-×16-3.0, 1× PCIe-×4-3.0	1× M.2-2230, 1× M.2-2280, 1× PCIe-×16-3.0, 1× PCIe-×1-2.0
Empty slots	1× Mini-PCIe, 1× M.2-2280, 1× PCIe-×16-3.0, 1× PCIe-×4-3.0	1× M.2-2230, 1× M.2-2280, 1× PCIe-×16-3.0, 1× PCIe-×1-2.0
Memory	Up to 4× 32 GB DDR4 DIMM (128 GB)	Up to 2× 32 GB DDR4 DIMM (64 GB)
Graphics	Integrated in processor	
Display connectors	1× HDMI 1.4b, 2× DisplayPort 1.2	1× HDMI 2.0a, 1× DisplayPort 1.2, VGA
Network	1× Gigabit Ethernet (Intel i219LM)	
External connections	8× USB 3.2 Gen 1 (5 Gbit) type A, 2× USB 2.0 type A, audio, mic, 1× eSATA	4× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, audio, mic
Internal connections	1× RS-232, 2× USB 2.0, 4× SATA, fan connector	1× RS-232, 1× USB 2.0, 4× SATA, fan connector
Drives	4× 2.5" SATA/2× 3.5" SATA/1× 5.25" SATA, 1× NVMe	3× 2.5" SATA/2× 3.5" SATA/1× 5.25" SATA, 1× NVMe
Power supply	300 Watt	
Supported operating voltage	100 Volt to 240 Volt	
OS support	Windows 7, Windows 8.1, Windows 10, Linux (64 Bit)	Windows 10, Linux (64 Bit)
Further information	go.shuttle.eu/ri473	go.shuttle.eu/eq8kb
Options	PSU 500 Watt, RS-232, Wi-Fi (ac) & Bluetooth, 2.5" HDD/SSD expansion frame	

Mini Server

XPC CUBE



Compact Industrial Server



SZ270R8, SH370R8

CASE CHARACTERISTICS

Aluminium case
Desktop PC
Connectors on the front and rear
4 bays for 3.5" HDD/SSD (alternatively 2.5" HDD/SSD with optional drive holder)
One to two slots for NVMe SSDs
Status LEDs
Internal power supply
Weight 3,500 g
Heatpipe cooling
Two linear controlled fans (92 mm and 80 mm)
Ambient temperature range 0–40 °C
Air humidity range 10–90 %
33.2 × 21.5 × 19.0 cm (LWH)

PERFORMANCE FEATURES

	SZ270R8	SH370R8
Processor socket	LGA 1151, TDP max. 95 Watt	LGA 1151v2, TDP max. 95 Watt
Processor compatibility	Intel Core i3/i5/i7, Pentium, Celeron (6 th /7 th Generation, 'Skylake/Kaby Lake')	Intel Core i3/i5/i7/i9, Pentium, Celeron (8 th /9 th Generation, 'Coffee Lake')
Slots	1× M.2-2230, 2× M.2-2280, 1× PCIe-×16-3.0, 1× PCIe-×4-3.0	1× M.2-2230, 1× M.2-2280, 1× PCIe-×16-3.0, 1× PCIe-×4-3.0
Empty slots	1× M.2-2230, 2× M.2-2280, 1× PCIe-×16-3.0, 1× PCIe-×4-3.0	1× M.2-2230, 1× M.2-2280, 1× PCIe-×16-3.0, 1× PCIe-×4-3.0
Memory	Up to 4× 32 GB DDR4 DIMM (128 GB)	
Graphics	Integrated in processor	
Display connectors	1× HDMI 1.4b, 2× DisplayPort 1.2	1× HDMI 2.0a, 2× DisplayPort 1.2
Network	2× Gigabit Ethernet (Intel i211)	
External connections	6× USB 3.2 Gen 1 (5 Gbit) type A, 4× USB 2.0 type A, audio, mic	4× USB 3.2 Gen 2 (10 Gbit) type A, 4× USB 3.2 Gen 1 (5 Gbit) type A, 2× USB 2.0 type A, audio, mic
Internal connections	1× RS-232, 2× USB 2.0, 4× SATA, fan connector	
Drives	4× 2.5"/3.5" SATA, 2× NVMe	4× 2.5"/3.5" SATA, 1× NVMe
Power supply	500 Watt	
Supported operating voltage	100 Volt to 240 Volt	
OS support	Windows 10, Linux (64 Bit)	
Further information	go.shuttle.eu/dqn1v	go.shuttle.eu/xue5r
Options	RS-232, Wi-Fi (ac) & Bluetooth, 2.5" HDD/SSD expansion frame	

Embedded PCs



NS02x

CASE CHARACTERISTICS	Plastic case for different operating positions
	Desktop PC, ready for VESA- /wall mount
	Connectors on the front and rear
	Status LEDs
	External power supply or PoE power source
	Weight 270 g
	Fanless cooling
	Ambient temperature range 0–40 °C
PERFORMANCE FEATURES	Air humidity range 10–90 %
	14.1 × 14.1 × 2.9 cm (LWH)

Android-based Solutions



NS02A



NS02E

PERFORMANCE FEATURES	Processor	Rockchip RK3368 Octa-Core Cortex-A53 (ARM)	
	Slots	—	
	Empty slots	—	
	Memory	2 GB DDR3L	
	Graphics	PowerVR SGX6110	
	Display connectors	1× HDMI 2.0	
	Network	1× Gigabit Ethernet, Wi-Fi (n), Bluetooth 4.0	
	External connections	3× USB 2.0 type A, Audio	
	Internal connections	—	
	Drives	16 GB Flash, SD card reader	
	Power supply	24 Watt, 12 Volt DC	PoE (IEEE 802.3at)
	Supported Operating Voltage	12 Volt ±5 %	36-57 Volt
	Operating system	Android 8.1 ('Oreo')	
	Further information	go.shuttle.eu/3x2v1	go.shuttle.eu/g9ma7
	Options	DIN rail mount	

XPC NANO

Desktop PCs

XPC NANO



NC03xx, NC10xx

CASE CHARACTERISTICS

Plastic case for different operating positions
Stand for vertical operation and VESA-/wall mount
Connectors on the front, side and rear
One bay for a 2.5" HDD/SSD
One slot for an NVMe SSD
Status LEDs
Always on jumper
External power supply
Weight 400 g
Heatpipe cooling
One linear controlled fan (50 mm)
Ambient temperature range 0–40 °C
Air humidity range 10–90 %
14.2 × 14.2 × 4.2 cm (LWH)

NC03U

NC03U3

NC03U5

PERFORMANCE FEATURES

Processor	Intel Celeron 3865U	Intel Core i3-7100U	Intel Core i5-7200U
Slots	1× M.2-2230, 1× M.2-2280		
Empty slots	1× M.2-2280		
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)		
Graphics	Intel HD Graphics 610	Intel HD Graphics 620	
Display connectors	1× HDMI 1.4b, 1× DisplayPort 1.2		
Network	1× Gigabit Ethernet (Intel i211), Wi-Fi (n)		
External connections	1× USB 3.2 Gen 1 (5 Gbit) type A, 1× USB 3.2 Gen 1 (5 Gbit) type C, 2× USB 2.0 type A, 1× RS-232, audio/mic combo		
Internal connections	1× SATA		
Drives	1× 2.5" SATA, 1× NVMe, SD card reader		
Power supply	65 Watt, 19 Volt DC		
Supported operating voltage	19 Volt ±5 %		
OS support	Windows 10, Linux (64 Bit)		
Further information	go.shuttle.eu/h18r4	go.shuttle.eu/ojb8i	go.shuttle.eu/0ews8
Options	Wi-Fi (ac) & Bluetooth 4.0, DIN rail mount		

Ultra-Compact Industrial Desktop PCs



NC10U



NC10U3



NC10U5



NC10U7

XPC NANO

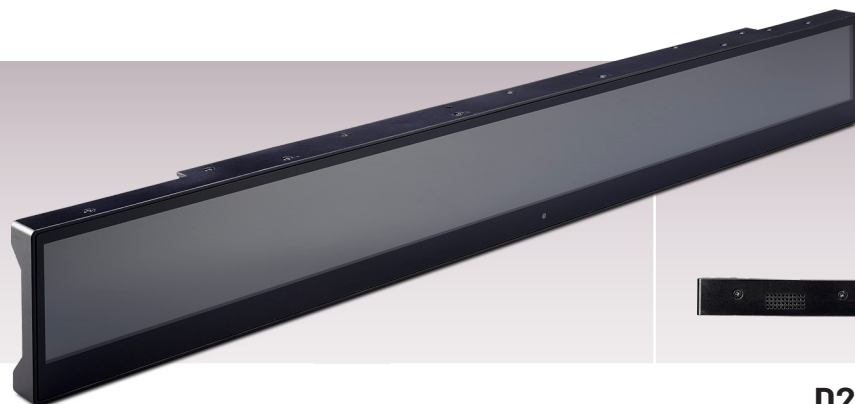
PERFORMANCE FEATURES

Processor	Intel Celeron 4205U	Intel Core i3-8145U	Intel Core i5-8265U	Intel Core i7-8565U
Slots	1× M.2-2230, 1× M.2-2280			
Empty slots	1× M.2-2280			
Memory	Up to 2× 16 GB DDR4 SO-DIMM (32 GB)			
Graphics	Intel UHD Graphics 610	Intel UHD Graphics 620		
Display connectors	1× HDMI 2.0a, 1× DisplayPort 1.2			
Network	1× Gigabit Ethernet (Intel i211), Wi-Fi (n)			
External connections	1× USB 3.2 Gen 1 (5 Gbit) type A, 1× USB 3.2 Gen 1 (5 Gbit) type C, 2× USB 2.0 type A, 1× RS-232, audio/mic combo			
Internal connections	1× SATA			
Drives	1× 2.5" SATA, 1× NVMe, SD card reader			
Power supply	65 Watt, 19 Volt DC			
Supported operating voltage	19 Volt ±5 %			
OS support	Windows 10, Linux (64 Bit)			
Further information	go.shuttle.eu/pc2tw	go.shuttle.eu/4b5fd	go.shuttle.eu/tyj0k	go.shuttle.eu/2iygt
Options	Wi-Fi (ac) & Bluetooth, DIN rail mount			

Biometric Signage Solution

Bar-Type Displays

SIGNAGE
DISPLAY



CASE CHARACTERISTICS

Plastic case with integrated display
Rail for VESA and clamp mount
Connectors on the side and on the bottom
Camera with 2 megapixel
Speaker
External power supply or PoE power source
Cascading power connections
Fanless cooling
IP54 protection of front panel
Ambient temperature range 0–40 °C
Air humidity range 10–90 %
2.9 × 60.3 × 7.5 cm (LWH)

PERFORMANCE FEATURES

	D230 (Standalone)	D230 (Server-based)
Display	1920×158 (23.1")	
Processor	Rockchip RK3399, Cortex A72 Dual-Core, A53 Quad-Core (ARM)	
Slots	—	M.2-3042 (for LTE module)
Empty slots	—	M.2-3042 (for LTE module)
Memory	2 GB	
Graphics	Mali-T864	
Display connectors	—	
Network	1× Ethernet, Wi-Fi-ac, Bluetooth 5.0	
External connections	1× USB 2.0 Typ A, Audio	
Internal connections	—	
Drives	16 GB Flash, SD card reader	
Power supply	24 Watt, 12 Volt DC or PoE (IEEE 802.3at)	
Supported operating voltage	12 Volt ±5 % and 19,5 Volt ±5 % (PoE 48 Volt)	
Operating system	Android 7.1 ('Nougat')	
Further information	go.shuttle.eu/xtwdh	
Options	Concatenation Accessory Kit	

XPC Accessories Compatibility

This overview will help you find the suitable accessory for your Shuttle product.

Item	Description	Compatible with
CXP01	Cable for ext. power button	DH02U, DH02U5, DH270, DH310, DH310S, DH310V2, DH370, DL10J, DS10U, DS10U3, DS10U5, DS10U7, DS77U, DS77U, DS77U3, DS77U5, DS77U7, DX30, XH310, XH310R, XH310RV, XH310V
DIR01	DIN-Rail Mounting Kit	DH02U, DH02U5, DH270, DH310, DH310S, DH310V2, DH370, DL10J, DS10U, DS10U3, DS10U5, DS10U7, DS68U, DS77U, DS77U3, DS77U5, DS77U7, DX30
H-RS232	COM-Port Adapter	SH170R6, SH310R4, SH310R4V2, SH370R6, SH370R6 Plus, SH370R6V2, SH370R6V2 Plus, SH370R8, SZ270R8, SZ270R9,
MY01	Mylar	XH110V, XH310RV, XH310V
PBAT01	Rechargeable battery	P51U, P51U3
PC61J	300W Power Supply	SH170R6, SH310R4, SH310R4V2, SH370R6, SH370R6V2
PC63J	500W Power Supply	SH170R6, SH170R6 Plus, SH310R4, SH310R4V2, SH370R6, SH370R6V2, SH370R6V2 Plus, SH370R8, SZ270R8, SZ270R9
PCL71	COM/LPT Expansion	X50V6, X50V6U3, X50V7, X50V7U3, P90U, P90U3, P90U5
PCM31	Triple COM-Port Adapter	XH310, XH310R
PCP11	COM-Port Adapter	P20U, P51U, P51U3, DS10U, DS10U3, DS10U5, DS10U7
PCP21	Dual COM-Port Adapter	DS10U, DS10U3, DS10U5, DS10U7, P20U, P51U, P51U3
PD230	Concatenation Accessory Kit	D230
PE90	External 90W Power Supply	DH310, DH310S, DH310V2, DH370, DL10J, DS10U, DS10U3, DS10U5, DS10U7, DS68U, DS77U, DS77U3, DS77U5, DS77U7, DX30, P20U, P51U, P90, P90U3, P90U5, X50V6, X50V6U3, X50V7, X50V7U3, XH110, XH110V, XH270, XH310, XH310R, XH310RV, XH310V
PHD3	2.5" Drive Holder	All XPC cubes
PHD4	3.5" Drive Holder	XH110, XH110V, XH310, XH310R, XH310RV, XH310V
PNFC01	NFC-Expansion	P20U
POR01	COM-Port Adapter	X50V6, X50V6U3, X50V7, X50V7U3
POS01	COM/LPT/RJ11 Expansion	X50V6, X50V6U3, X50V7, X50V7U3, P90U, P90U3, P90U5
PRM01	19" Rack Mount (2U)	DH02U, DH02U5, DH310, DH310S, DH310V2, DH370, DL10J, DS10U, DS10U3, DS10U5, DS10U7, DS68U, DS77U, DS77U3, DS77U5, DS77U7, DX30
PS01	Vertical Stand	XH110, XH110G, XH110V, XH270, XH310, XH310R, XH310RV, XH310V
PS02	Vertical Stand	DL10J, DH02U, DH02U5, DH310, DH310S, DH310V2, DH370, DS68U, DS77U, DS77U3, DS77U5, DS77U7, DX30, NC03U, NC03U3, NC03U5, NC10U, NC10U3, NC10U5, NC10U7
PV02	VESA-Mount	XH110, XH110V, XH270, XH310, XH310R, XH310RV, XH310V
PV04	VESA-Mount	DH310S
PVG01	VGA-Port	DH310, DH310S, DH310V2, DH370, DX30, XH110, XH110V
WLN-M	Wi-Fi Expansion Kit	DH02U, DH02U5, DH310, DH310S, DH310V2, DH370, NC03U, NC03U3, NC03U5, NC10U, NC10U3, NC10U5, NC10U7, SH170R6, SH310R4, SH370R6, SH370R8, SZ270R8, SZ270R9, XH110, XH110G, XH110V, XH270, XH310, XH310R, XH310RV, XH310V
WWN01	LTE/4G M.2 Adapter (M.2)	DL10J
WWN03	LTE/4G M.2 Adapter (3.5")	DS10U, DS10U3, DS10U5, DS10U7
WWN11	LTE/4G Expansion Kit	DL10J

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