

BAREBONE XPC slim DL40N

Intel N150 Processor

FANLESS 1-LITRE PC SUITABLE FOR 24/7 OPERATION

The Shuttle XPC slim Barebone DL40N is the successor to Shuttle's DL30N. These fanless Slim PC barebone with an energy-efficient Intel "Twin Lake-N" processor is suitable for building particularly slim PC systems with drives and operating system as well as client/server setups for pure network-based applications. Two Intel 2.5G LAN ports provide excellent network connectivity and the optional Shuttle accessory WWN03 allows for an LTE module to be installed for mobile internet access. The integrated graphics is based on Intel's powerful Intel UHD Graphics that supports hardware acceleration for 4K videos. Combined with an SSD drive, these Slim-PCs works virtually noiseless.



Twin Lake-N
SOC CPU



HDMI 2.0b



DISPLAY-
PORT 1.4a



VGA Port



Dual LAN
2.5 Gbps



DUAL COM



NVMe SSD
SUPPORT



2.5" HDD/SSD
SUPPORT



VESA MOUNT



FANLESS



Max.
40 °C



24/7
SUPPORT

SLIM DESIGN

- Slim 1.35-litre metal chassis, black
- Noiseless, fanless cooling system
- Dimensions: 190 x 165 x 43 mm (LWH)
- Including VESA mount (75/100 mm)
- Supports 24/7 Nonstop Operation
- Operating temperature: 0~40 °C (non-condensing)

OPERATING SYSTEM

- An operating system is not included
- Supports Windows 10 and Linux (64-bit)

PROCESSOR

- Intel N150 processor, 4 cores, 3.6 GHz turbo clock, TDP: 6W
- Code name "Twin Lake-N", Intel 7 process technology (10 nm)
- Soldered SoC processor with fanless cooling

GRAPHICS

- Integrated Intel graphics with 4K support
- Supports three independent displays (HDMI, DP, VGA)

MEMORY SUPPORT

- 1x 262-pin S0-DIMM slot
- Supports up to 16 GB DDR5-4800

STORAGE - SATA / M.2

- 1x 2.5" bay for SATA hard disk or SSD, max. 9.5 mm
- 1x M.2-2280M slot (supports PCIe/NVMe or SATA)
- 1x M.2-2230E slot (supports optional WLAN cards)

CONNECTORS

- HDMI 2.0b
- DisplayPort 1.4
- D-Sub/VGA
- 8x USB 3.2 Gen1 (blue)
- 2x Intel 2.5 GbE LAN (i226)
- 2x COM port (1x RS232/422/485)
- 2x audio (line out, mic)
- Connector for external power button
- "Always-on" Jumper
- DC-input 12 V or 19 V

POWER SUPPLY

- External 65W/19V power adapter (DC-in supports 12 V and 19 V)

OPTIONAL ACCESSORIES

- Rackmount kit (PRM01)
- Cable for external power button (CXP01)
- DIN-Rail kit (DIR01)
- 4G/LTE-kit (WWN03)
- Stand (PS02)
- WLAN-ax kit with two external antennas (WLN-M1)



Product comparison Shuttle DL40N with the predecessor DL30N

Product Name	Processor	CPU Code Name	max. Turbo Clock	TDP	max. GPU Clock	Operating System	UPC Bar Code
DL40N	Intel N150	Twin Lake-N	3.6 GHz	6 W	1000 MHz	Windows 11, Linux	887993008066
DL30N	Intel N100	Alder Lake-N	3.4 GHz	6 W	750 MHz	Windows 10/11, Linux	887993006093

Front and Back Panel

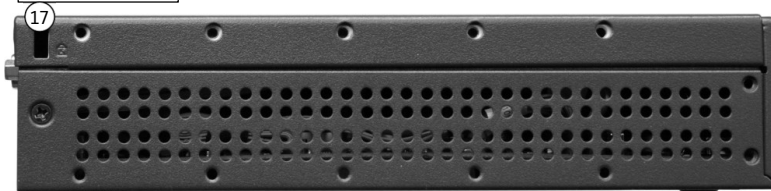
Front panel



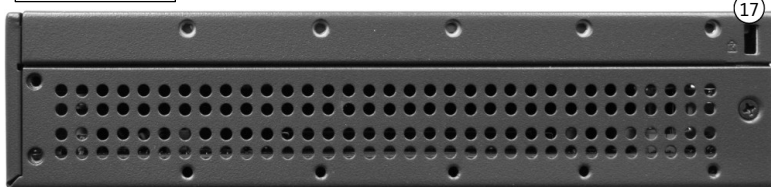
Back panel



Left Side



Right Side



VESA mounting



1. Microphone input
2. Headphones output
3. LED indicator for power state
4. LED indicator for storage activity
5. Power button
6. 4x USB 3.2 Gen 1 port (blue, max. 5 Gbps)
7. 2x perforation for optional WLAN antennas
8. COM 1 port supports RS232/RS422/RS485
9. COM 2 port supports RS232
10. 4-pin connector (2.54 mm pitch) for external power button, Clear CMOS button and 5V DC voltage
11. 4x USB 3.2 Gen 1 port (blue, max. 5 Gbps)
12. DisplayPort 1.4a audio/video output
13. HDMI 2.0b port audio/video output
14. D-Sub / VGA video output
15. 2x RJ45 2.5G LAN port
16. DC-in connector for power adapter supports 12V and 19V DC



Connector for an external power button

17. Hole for the Kensington Lock

18. VESA mount (two parts with screws)

REQUIRED COMPONENTS

The following components need to be added to make it a fully-configured Mini PC

Shuttle XPC slim Barebone DL40N



Memory Module

One module DDR5-4800 or higher rating
SODIMM form factor (262 pins)
Capacity: max. 16 GB
(Thermal pad included in delivery)



2.5" Storage Drive

SATA hard disk or Solid State Disk (SSD)
(max. height: 9.5 mm)



M.2 SSD (optional)

M.2-2280/2260/2242 form factor
SSD storage with PCIe/NVMe or SATA interface
(Thermal pad included in delivery)



Operating System

Windows 11 or Linux (64-bit only)

OPTIONAL ACCESSORIES FROM SHUTTLE



LTE Adapter Kit **WWN03**

allows the installation
of an M.2 LTE/4G card and
nano SIM card
(occupies the 2.5" bay)



Cable **CXP01**

Cable for external push button
switch (without button)



Vertical Stand **PS02**

for vertical operation



DIN-Rail Kit **DIR01**

This mounting kit allows the in-
stallation on a standard 35
mm DIN-Rail



WLAN-Accessory

WLN-M1

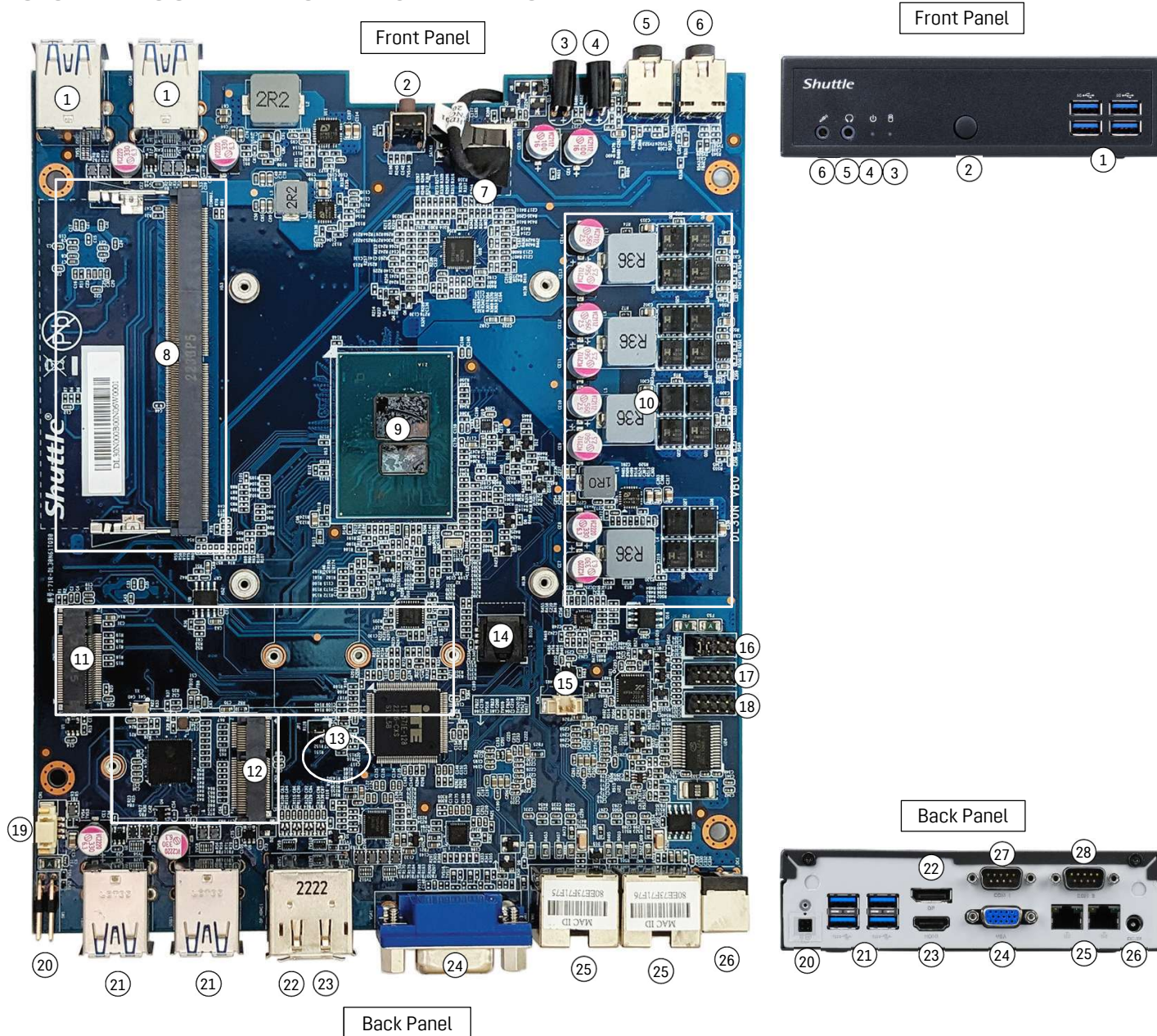
WLAN module in M.2 format
supports Wi-Fi 6 (IEEE
802.11ax) and Bluetooth 5.2 in-
cluding two external antennas
and cables



Rack Mount Kit **PRM01**

2U front plate to install two
1.3L Shuttle XPCs in a 19" cabi-
net.

SHUTTLE XPC SLIM BAREBONE DL40N – MAINBOARD



1. 4x USB 3.2 Gen 1 type A (max. 5 Gbps)
2. On/Off Power button
3. LED indicator for storage activity
4. LED indicator for power state
5. Audio line-out for head-phones
6. Microphone input
7. Onboard SATA port with cable connector
8. SO-DIMM-slot for one DDR5 RAM module
9. Soldered Intel-processor (code name "Twin Lake")
10. CPU voltage regulator
11. M.2-2280M slot for SSD card
12. M.2-2230E slot for WLAN card
13. Always-Power-On Jumper
14. Flash-EPROM for BIOS firmware
15. Onboard connector for CMOS battery
16. Jumper for COM 1/2 auxiliary voltage setting (0/5/12 V)
17. Onboard COM 1 port supports RS232/RS422/RS485
18. Onboard COM 2 port supports RS232
19. Onboard USB-2.0 header (4-pin)
20. 4-pin connector (2.54 mm pitch) for external power button, Clear CMOS button and 5V DC voltage)
21. 4x USB 3.2 Gen 1 type A (max. 5 Gbps)
22. DisplayPort (DP 1.4), upper position
23. HDMI 2.0b port, lower position
24. VGA/D-Sub port
25. 2x RJ45 2.5G LAN port (Intel 226)
26. DC-Input for external power adapter
27. COM 1 port supports RS232/RS422/RS485
28. COM 2 port supports RS232

DL40N compared to previous models

MODEL	DL40N	DL30N	DL20N(V2)	DL10J
Processor	Intel "Twin Lake-N" TDP= 6W, 10 nm Intel N150 Processor	Intel "Alder Lake-N" TDP= 6W, 10 nm Intel N100 Processor	Intel "Jasper Lake" TDP= 10W, 10 nm DL20N(V2): Celeron N4505 DL20N6(V2): Pentium N6005	Intel "Gemini Lake" TDP= 10W, 14 nm Intel Celeron N4005
RAM Support	1x SO DIMM (262-Pin) max. 16 GB DDR5-4800	1x SO DIMM (262-Pin) max. 16 GB DDR5-4800	2x SO DIMM (260-Pin) max. 16 GB DDR4-2933	2x SO DIMM (260-Pin) max. 8 GB DDR4-2400
2.5"-Bay	Supports one 2.5" SSD/HDD drive with SATA interface max. height: 9.5 mm	Supports one 2.5" SSD/HDD drive with SATA interface max. height: 9.5 mm	Supports one 2.5" SSD/HDD drive with SATA interface max. height: 9.5 mm	Supports one 2.5" SSD/HDD drive with SATA interface max. height: 9.5 mm
M.2-2280 Slot	1x Slot for M.2-2280 SSD supports PCIe X2 and SATA	1x Slot for M.2-2280 SSD supports PCIe X2 and SATA	1x Slot for M.2-2280 SSD supports PCIe X2 and SATA	1x Slot for M.2-2280 SSD supports PCIe X2 and SATA
Audio	Realtek ALC888S	Realtek ALC888S	Realtek ALC897/662/888S	Realtek ALC269
Network (LAN)	2x Intel 226LM – 2.5G	2x Intel 226LM – 2.5G	DL20N(6): Intel 211 – 1.0G DL20N(6)V2: Intel 225 – 2.5G	Intel 211 – 1.0G
WLAN	M.2-2230E Slot supports one optional WLAN card	M.2-2230E Slot supports one optional WLAN card	M.2-2230E Slot supports one optional WLAN card	Realtek RTL8188EE WLAN-n, one external antenna
Front Ports	Power-Button, 2x LEDs 4x USB 3.2 Gen1 (max. 5 Mbps) 2x Audio	Power-Button, 2x LEDs 4x USB 3.2 Gen1 (max. 5 Mbps) 2x Audio	Power-Button, 2x LEDs 2x USB 3.2 Gen2 (max. 10 Mbps) 2x Audio SD card reader	Power-Button, 2x LEDs 2x USB 3.2 Gen1 (max. 5 Mbps) 2x Audio SD card reader
Rear Ports	HDMI 2.0b DisplayPort 1.4a D-Sub/VGA (no Hot Plug) 4x USB 3.2 Gen1 (max. 5 Mbps) 2x RJ45 2.5G LAN 2x COM (1x RS422/485) 4-pin-port for ext. Power-Button	HDMI 2.0b DisplayPort 1.4a D-Sub/VGA (no Hot Plug) 4x USB 3.2 Gen1 (max. 5 Mbps) 2x RJ45 2.5G LAN 2x COM (1x RS422/485) 4-pin-port for ext. Power-Button	HDMI 2.0b DisplayPort 1.4a D-Sub/VGA (no Hot Plug) 2x USB 3.2 Gen1 (max. 5 Mbps) 2x USB 2.0 RJ45 LAN 2x COM (1x RS422/485) 4-pin-port for ext. Power-Button	HDMI 1.4b DisplayPort 1.2 D-Sub/VGA (no Hot Plug) 4x USB 2.0 RJ45 LAN 2x COM (1x RS422/485) 4-pin-port for ext. Power-Button
DC Input	Supports 12 V and 19 V	Supports 12 V and 19 V	Supports 12 V and 19 V	Supports 12 V and 19 V
Pwr Adapt.	65 W (19V, 3.42 A)	65 W (19V, 3.42 A)	40 W (19V, 2.1 A)	40 W (19V, 2.1 A)
VESA-Mount	included	included	included	included
Optional Accessories	PS02: Vertical feet CXP01: Power-Button cable PRM01: 2U Rackmount kit DIR01: DINRail mount WLN-M12: WLAN kit WWN03: LTE/4G kit	PS02: Vertical feet CXP01: Power-Button cable PRM01: 2U Rackmount kit DIR01: DINRail mount WLN-M12: WLAN kit WWN03: LTE/4G kit	PS02: Vertical feet CXP01: Power-Button cable PRM01: 2U Rackmount kit DIR01: DINRail mount WLN-M12: WLAN kit WWN03: LTE/4G kit	PS02: Vertical feet CXP01: Power-Button cable PRM01: 2U Rackmount kit DIR01: DINRail mount WWN01: LTE/4G kit
Front View				
Rear View				

SHUTTLE XPC SLIM BAREBONE DL40N — SPECIFICATIONS

FANLESS & SILENT	Completely fanless, virtually noiseless Passive cooling through convective heat transfer Perfect to be used in noise-sensitive environments Fanless means less dust and thus virtually no maintenance required
24/7 NONSTOP OPERATION	This device is approved for 24/7 permanent operation. Requirements: - Free air circulation around the PC must be guaranteed. - Ventilation holes must be kept clear. - Any installed disk must also be approved for permanent operation by its manufacturer
CHASSIS	Slim PC with black chassis made of steel Dimensions: 190 x 165 x 43 mm (LWH) = 1.35-litre Weight: 0.8 kg net and 2.1 kg gross Two holes for Kensington Lock and numerous threaded holes (M3) at both sides of the chassis
OPERATION POSITION	1) Horizontal 2) Vertical with mounted feet. These feet can be purchased as optional accessory PS02. 3) Vertical (e.g. VESA-mounted behind an appropriate monitor) In vertical position, the front USB ports should point upward. Ventilation holes must not be blocked to ensure sufficient cooling.
OPERATION SYSTEM	This system comes without operating system. It is compatible with - Windows 11 (64-bit) - Linux (64-bit)
PROCESSOR	Model: Intel® Processor N150 Max. Turbo clock frequency: 3.6 GHz Code name: "Twin Lake-N" Intel7/10 nm structure CPU cores / Threads: 4 / 4 L2 Cache: 6 MB Thermal Design Power (TDP): 6 W Soldered System-on-Chip processor (SoC) with integrated graphics processor, no chipset required
INTEGRATED GRAPHICS	The Graphics Processing Unit (GPU) is integrated in the processor Intel® Graphics, GPU frequency: max. 1000 MHz Supports DirectX 12.1, OpenGL 4.6, OpenCL 3.0, Intel Quick Sync Video Execution Units (EU): 24 Triple Display Support via three video outputs: - HDMI 2.0b: max. 4096 x 2160 @ 60 Hz - DisplayPort 1.4a: max. 4096 x 2160 @ 60 Hz - D-Sub/VGA: max. 1920 x 1200 resolution @ 60 Hz Supports two digital displays and one analog display simultaneously. The D-Sub/VGA connector does not support the Hot Plug feature.
UEFI FIRMWARE	32 MB Flash ROM with AMI's Aptio UEFI BIOS Firmware Based on the Unified Extensible Firmware Interface (UEFI) Supports Power-fail-resume / AC power-on state / always-on [3] Supports Wake-on-LAN (WOL) from S3, S4, S5 ACPI states Supports boot up from external flash memory cards With embedded Firmware TPM v2.0 (fTPM) [5] CMOS battery (type CR2032)
MEMORY SUPPORT	1x SO-DIMM slots with 262 pins Supports DDR5-4800 (PC5-38400U) SDRAM at 1.1V Supports one RAM module with max. 16 GB capacity Supports two unbuffered DIMM modules (no ECC)
2.5" DRIVE BAY	Supports one drive in 6.35 cm / 2.5" format (hard disk or SSD) Serial ATA III Interface with up to 600 MB/s transfer speed Max. height 9.5 mm Pre-installed SATA cable (data / power) Supports Unified Extensible Firmware Interface (UEFI)

M.2-2280M SSD SLOT	M.2-2280 M-key slot Interfaces: PCI-Express Gen. 3.0 X2 and SATA v3.0 (max. 6 Gbit/s) Supports M.2 cards with a width of 22 mm and a length of 42, 60 or 80 mm (type 2242, 2260, 2280) Supports SATA SSDs (BM-Key) or NVMe PCIe SSDs (M-Key)
M.2-2230E SLOT FOR OPTIONAL WLAN CARD	Interfaces: PCI-Express Gen. 3.0 X1 und USB 2.0 Supports M.2 cards with a width of 22 mm and a length of 30 mm (type 2230) Supports WLAN expansion cards (optional Shuttle accessory: WLN-M1)
AUDIO	Realtek ALC888S Audio Codec Two analog audio connectors (3.5 mm): 1) Line out (head-phones) 2) Microphone input Digital multi-channel audio output: via HDMI and DisplayPort
DUAL 2.5G NETWORK	Two RJ45 connectors support LAN at 100/1000/2500 Mbit/s. 2x Intel i226-LM Ethernet Controller Supports Wake-on-LAN
LEDs & BUTTONS	Power button Power LED (blue) HDD LED (yellow)
FRONT PANEL CONNECTORS	4x USB 3.2 Gen 1 Type A (blau, max. 5 Gbps) Audio 3.5 mm line-out (headphones) Microphone 3.5 mm input
BACK PANEL CONNECTORS	HDMI 2.0b digital video and audio output DisplayPort 1.4a digital video and audio output [2] D-Sub/ VGA analog video output (15-pin) - no hot plug 4x USB 3.2 Gen 1 Type A (blue, max. 5 Gbps) 2x LAN port 2.5 Gbps (Intel i226-LM, RJ45) 2x RS232 serial port, 9-pin D-Sub (support of an auxiliary voltage of 5/12 V, the left port is switchable to RS422 / RS485) [4] DC input for the external power adapter (supports 12V and 19V) 4-pin connector (2.54 mm pitch) supports - external power-on button - Clear CMOS function - +5V DC voltage for external components 2x perforation for optional Wireless LAN antennas
OTHER ONBOARD CONNECTORS	Connectors COM1/COM2 for serial ports (occupied) Jumper JP1 for power-on-after-power-fail (hardware solution) [3] USB 2.0 header CN1 (4-pin) required for WWN03 accessory
POWER SUPPLY	External 65 W AC/DC power adapter (fanless) AC Input: 100 ~ 240 V AC, 50 ~ 60 Hz, max. 1.6 A DC Output: 19 V, max. 3.42 A, max. 65 W Automatic AC voltage adjust DC cable length: ca. 180 cm AC cable length: ca. 180 cm (3-pin Micky MM C6 and Schuko earthed safety plug)
DC INPUT CONNECTOR	DC Connector: 5.5 / 2.5 mm (outer/inner diameter) The DC-input of the computer supports an external power source with either 12 V ±5% (max. 5.33 A) or 19 V ±5% (max. 3.42 A).
BUTTON CELL BATTERY	The product contains a built-in 3V button cell battery For further information see footnote [6].
SUPPLIED ACCESSORIES	Multi-language user guide (EN, DE, FR, ES, JP, KR, SC, TC) VESA mount for 75 / 100 mm standard (two metal brackets) Four screws M3 x 5 mm (screws together VESA mount and PC) Four screws M4 x 10 mm (to affix VESA mount on the PC) Four screws M3 x 4 mm (to mount a 2.5" storage into the bay) Two screws M3 x 5 silver colour (to mount some M.2 cards) Thermal Pad 50 x 15 x 2.25 mm (for the DDR5 SO-DIMM module) Thermal Pad 50 x 20 x 12.0 mm (for the M.2-2280 SSD card) Driver DVD (Windows 64-bit) External 65 W power adapter with AC power cord (with protective-earth contacts)

OPTIONAL ACCESSORIES	PS02: optional stand for vertical operation CXP01: adapter cable for external power button PRM01: 2U rack-mount front plate for two Shuttle XPC slim PCs DIR01: DIN-Rail mounting kit WLN-M1: WLAN module in M.2 format supports Wi-Fi 6 (IEEE 802.11ax) and BT 5.2 including two external antennas and cables WWN03: LTE kit with adapter card, 2 antennas and antenna cables. Supports one M.2 LTE module and one nano SIM card [1]
ENVIRONMENTAL SPECIFICATIONS	Operating temperature range: 0 ~ 40 °C Relative humidity range: 10 ~ 90 % (non-condensing)
CERTIFICATIONS / COMPLIANCE	EMI: CE, UKCA, FCC, RCM, VCCI, BSMI Safety: CB IEC 60950-1/62368-1, cTUVus (UL 62368-1), BSMI Other: RoHS, Energy Star, ErP 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 directives: (1) 2004/108/EC relating to electromagnetic compatibility (EMC), (2) 2006/95/EC relating to Electrical Equipment designed for use within certain voltage limits (LVD), (3) 2009/125/EC relating to ecodesign requirements for energy-related products (ErP)

[1] Optional LTE support

Shuttle provides the optional "Shuttle Accessory WWN03" which consists of an adapter card, two antennas plus 20 cm antenna cables. The WWN03 adapter card occupies the 2.5" drive bay, so that no more 2.5" SATA device can be installed. The 3G/LTE card must have M.2-3042 Key B format with MHF IV (I-PEX4) connectors for the antenna. In addition, it supports one Nano-SIM card (Mini and Micro format is not supported). The required 3G/LTE card and SIM card are not included in WWN03.

[2] How to convert DisplayPort into HDMI/DVI

The DisplayPort output can be converted to HDMI or DVI by an additional, passive adapter cable. For example:

DELOCK 82590: 1 m, DisplayPort (male, 20p) to HDMI-A (male, 19p)

DELOCK 82435: 5 m, DisplayPort (male, 20p) to DVI-D (male, 24p)

The integrated graphics automatically detects the connected display and puts out the appropriate electric signal - either through DisplayPort (without an adapter) or HDMI/DVI (with an adapter).

However, a monitor with a DisplayPort connector cannot be connected to the HDMI port with a simple, passive adapter.

[3] Power-on-after-power-fail

The BIOS setup provides a "Power-on-after-power-fail" function that can be found under "Power Management Configuration". As the name indicates, this function determines the PC's behaviour after power failure: (1) unconditional power-on, (2) restore former status or (3) keep system turned off. As a matter of the nature of this function, it may fail after short power failures. This is why this PC also comes with a hardware-based solution. By removing Jumper JP1 (on the mainboard behind the D-Sub/VGA port) the system will start unconditionally once power is supplied.

[4] Serial Ports

This PC features two serial RS232 ports with 9-pin D-Sub connectors on the back panel. The left COM port (COM1) can also be configured as RS422 and RS485 in the BIOS setup.

Pin 9 of the D-Sub COM-Port is a multi-functional signal. Based on the Jumper JP2 configuration on the mainboard, it can be configured as Ring Indicator (RI) or external power supply with a voltage level of either 5 V or 12 V. Each COM port can be configured separately. The maximum current is 500 mA per connector.

[5] TPM Function

This product features Firmware-TPM function (fTPM) v2.0. Besides this, it is prepared for a hardware TPM chip which can be fitted by factory on request if required.

[6] Button Cell Battery

- Purpose:**
 The built-in button cell battery on the mainboard supplies the CMOS memory and the Real-Time Clock (RTC) with power so that certain settings are retained and the internal clock continues to run – even if the PC is completely switched off or disconnected from the power supply.
- Specification:**
 Model: Lixing KTS CR2032 with cable and connector (Molex 51021-8602, 2-pin, 1.25 mm pitch)
 Type: Lithium metal battery, non-rechargeable, transport identification: UN 3091 (battery is built-in)
 Nominal voltage: 3.0V, nominal capacity: 220 mAh (0.66 Wh)
 Dimensions: 20 mm diameter, 3.2 mm thickness
 Weight: 3.2 g, of which 0.063 g lithium (2.1%)
 Manufacturer: Wuhan Lixing (Torch) Power Sources Co, Ltd, Address: No. 7 Plot, Guandong, Science and Technology Industrial Park, East Lake Development Zone, Wuhan, Hubei, China
- Certificates:**
 Material Safety Data Sheet (MSDS), UN38.3 test report, ISO 9001 of the manufacturer, EU DoC
 Download here: <https://go.shuttle.eu/Py1Jn>
- Replace the battery:**
 If the PC issues error messages about the clock or CMOS when starting up, the system's CMOS battery probably needs to be replaced. Use a model with the same technical characteristics as a replacement battery or contact our technical support at support@shuttle.eu.
 The replacement of a CMOS battery may only be carried out by qualified specialist personnel. Improper handling can lead to damage to the mainboard, loss of data or electrical risks. Disconnect the device from the power supply before opening it. Make sure that you do not injure yourself on the sharp metal edges inside the computer. Open the device according to the Quick Installation Guide supplied. Find the battery and pull on the connecting cable so that the plug comes off the mainboard (see photo below). Before pulling out, pay attention to the polarity based on the cable colours (red and black). Carefully remove the old battery, which is stuck on with an adhesive pad. With the new battery, remove the protective film

from the adhesive pad and stick the battery in the same position, connect the cable and reassemble the PC. When switching on for the first time, press the "DEL" key, load the "Default Settings" in the BIOS and make any other necessary settings before saving the settings and exiting the BIOS setup.

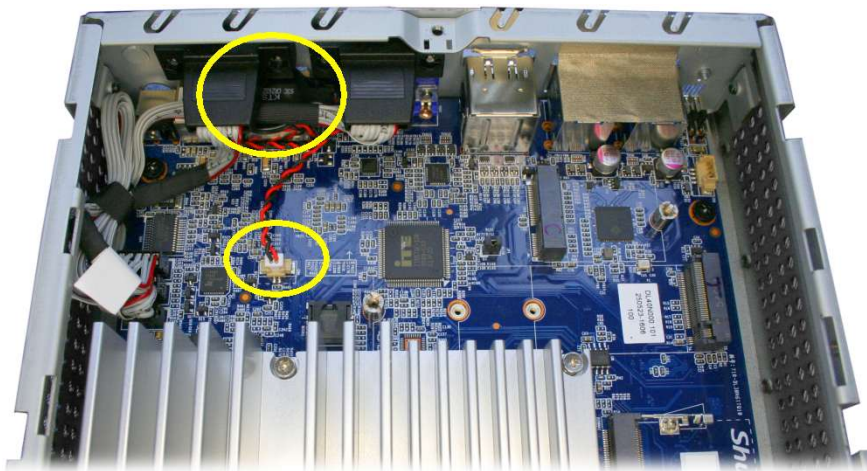
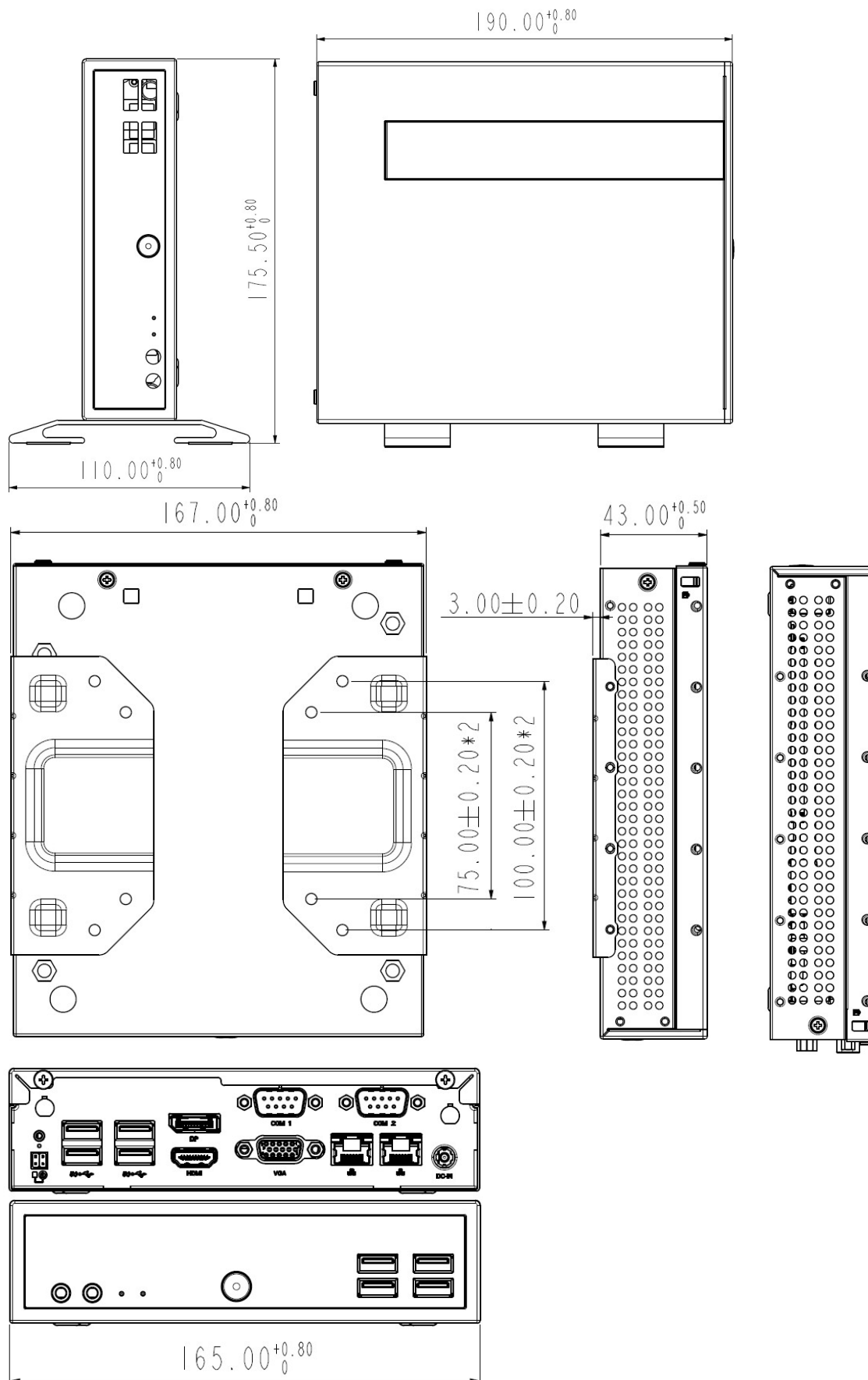


Photo: Position of the button cell battery and the connector on the mainboard with the computer housing open.

- **Disposal:**
Batteries are classified as hazardous waste and must be disposed of properly. Do not throw them in the household trash. Dispose of batteries at the designated collection points prescribed by law in your country, e.g. at the dealers' collection points.
- **Safety instructions:**
This product contains a lithium button cell battery that can cause serious or fatal injury within 2 hours if swallowed. Not intended for children under the age of three.

SHUTTLE XPC SLIM BAREBONE DL40N — Technical Drawing



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