MINIX®
Next Generation Computing

NEO J50C-8SE

Ultra Compact Gemini Lake Mini PC
[Intel J4105 CPU]

intel inside®

English User Guide
INTEL CELERON MINI PC WITH WINDOWS 10 PRO (64-bit)
PRE-INSTALLED

MINIX J50C-8SE Specifications

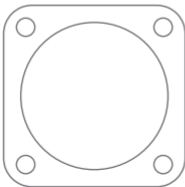|	
Processor	Intel Celeron J4105
GPU	Intel UHD Graphics 600
Memory	8GB DDR4 (upgradeable to 16GB)
Memory Slot	2 x SODIMM slot, support dual channel
Storage	Pre-installed 240GB SSD
Storage Expansion	1 x 2280 M.2 slot (SATA 6Gbps)
Wireless Connectivity	802.11ac Dual-Band Wi-Fi, Bluetooth 4.2
Operating System	Windows 10 Pro (64-bit)
Video Output	HDMI™ 2.0 (4K @ 60Hz), Mini DisplayPort 1.2 (4K @ 60Hz), USB-C (4K @ 60Hz)
Digital Audio Output	HDMI™ 2.0a, Mini DisplayPort, Optical S/PDIF
Analog Audio Output	3.5mm audio jack
Audio Input	3.5mm audio jack
Peripheral Interface	RJ-45 Gigabit Ethernet, USB 3.0 port x 3, USB-C port x 1, Kensington Lock ready
Power	DC 12V, 3A adapter (included) or via USB-C input (DC 12V)

MINIX NEO J50C-8SE

12V (3A)
Power Adapter

VESA Mount

HDMI Cable

Thank you for purchasing MINIX NEO J50C-8SE.

NEO J50C-8SE is an ultra-compact mini desktop PC that packs an incredible amount of power, delivering optimal performance far beyond its small footprint.

Combining 240GB SSD pre-installed storage, 8GB of DDR4 memory and Windows 10 Pro (64-bit) ensures NEO J50C-8SE is ready to run out of the box.

A small solution packed full of big ideas.

NEO J50C-8SE can be easily mounted to a VESA compatible monitor, no tools are required for mounting once the included bracket has been installed.

More hints, tips and useful information can be found on the official MINIX Forum: www.theminixforum.com

Power LED - The LED glows blue when NEO J50C-8SE is on.

Power Button - To power on the NEO J50C-8SE, press and hold the power button for 1-2 seconds until the power LED glows. To power off the NEO J50C-8SE, press and hold the power button for 8 seconds.

3.5mm Audio Jack + S/PDIF Port - Connect an external audio input/output device such as microphone or AV receiver etc.

Gigabit Ethernet Port - Connect an Ethernet cable for wired internet access up to 1000Mbps.

DC 12V Power-in Jack - Connect the included 12V power adapter. NEO J50C-8SE requires approx. 1A to operate, however the included power adapter provides 3A to ensure support for other external devices attached to NEO J50C-8SE, such as an external hard drive.

USB 3.0 Ports - Connect an external USB device to the NEO J50C-8SE such as webcam, wired mouse or external hard drive.

HDMI Port - Connect the NEO J50C-8SE via HDMI to a TV or PC monitor using included HDMI cable.

Mini DP Port - Connect the NEO J50C-8SE via Mini DP to a PC monitor. Pleae note, an active adapter is required to convert Mini DisplayPort output to HDMI/DVI output.

USB-C Port - Connect the NEO J50C-8SE via USB-C to a PC monitor. Please note, the USB-C port only supports video output, not audio output. The USB-C port does not support *'hot plugging'*, a USB-C cable or adapter should only be connected/disconnected when NEO J50C-8SE is powered off.

You may control NEO J50C-8SE via one of the following input methods:

1. Wired mouse and keyboard
2. Wireless/Bluetooth mouse and keyboard

We recommend using MINIX NEO W2.

NEO J50C-8SE connects to your TV or PC monitor via either a Mini DP, HDMI or USB-C port.

Mini DP and HDMI support both audio and video, USB-C only supports video output.

Step 1 (if required): Place VESA mount bracket onto monitor.

1. Insert screws and secure.
2. Safely attach NEO J50C-8SE in any direction.

Step 2: Connect the HDMI cable.

Connect one end of the HDMI cable to the HDMI port on your TV or PC monitor, and the other end to the HDMI port on NEO J50C-8SE.

The HDMI, Mini DP and USB-C ports may be used separately or simultaneously; NEO J50C-8SE supports up to 3 displays.

Step 3: Connect to power supply.

Connect the 12V power adapter supplied in the package to NEO J50C-8SE.

Alternatively, NEO J50C-8SE can be powered via the USB-C port. Compatible with certain USB-C equipped monitors. After connecting USB-C cable, wait approx. 5 seconds before powering on the NEO J50C-8SE.

Step 4: Power on.

Press and hold the power button for 1-2 seconds to power on NEO J50C-8SE, the blue power LED should then glow.

Step 5: Turn on TV/PC monitor and select the input.

Simply turn on your TV or PC monitor, and select the corresponding port connected to the NEO J50C-8SE.

The USB-C port supports 9V/2A, 12V/5A and 15V/3A power input. It does not support 20V/3.25A power input.

The USB-C port only supports 5V/3A power output.

ASUS MX27U and LG 27UD88 monitors are fully compatible with NEO J50C-8SE, a full list of compatible USB-C equipped monitors can be found on the MINIX Forum – www.theminixforum.com.

NEO J50C-8SE is fully compatible with our range of USB-C accessories, including USB-C to USB-C cable [NEO C-MUC] and USB-C to 4K @ 60Hz HDMI cable [NEO C-4K].

FC CE ♲ RoHS

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

EMAIL: support@minix.com.hk

WEBSITE: www.minix.com.hk

MINIX FORUM: www.theminixforum.com

FACEBOOK: www.facebook.com/minixtech

f Find us on:
facebook®

http://www.facebook.com/minixtech