



229.00 EUR  
incl. 19% VAT, plus [shipping](#)

- Intel® Skylake-U 3855U SOC (CO-LAY i3/i5/i7 Series)
- Onboard INTEL® 3855U 1.6GHz Dual Cores CPU
- Support 1\* DDR4/2133 SO-DIMM Max 16GB
- Support 1\* PCIe x4 Gold finger
- 4\* USB3.0, 4\* RS232 (COM1/2 Support 5V/12V), 1\* SIM Card holder
- Support HDMI+eDP+LVDS or CRT+eDP+LVDS Display
- 12V DC on board
- Thin Mini ITX Form Factor (170mm x170mm)

| Model                   | JNC8D-I3855              | JNC8D-I3855-2L   |
|-------------------------|--------------------------|------------------|
| Model                   | – JNC8D-I3855            | – JNC8D-I3855-2L |
| Part Number             | – JNC8D-I3855            | – JNC8D-I3855-2L |
| <b>Form Factor</b>      |                          |                  |
| Dimensions              | – ITX(170 x 170mm)       |                  |
| <b>Processor System</b> |                          |                  |
| CPU                     | – Intel® Skylake-U 3855U |                  |
| Core Number             | – 2                      |                  |
| Max Speed               | – 1.6GHz                 |                  |
| L3 Cache                | – 2MB                    |                  |
| Chipset                 | – SoC                    |                  |
| BIOS                    | – AMI 128M Flash ROM     |                  |
| <b>Expansion Slot</b>   |                          |                  |

|                           |   |                            |
|---------------------------|---|----------------------------|
| Mini PCIe                 | – 1 (full size)   |                            |
| mSATA                     | – 1 (full size)   |                            |
| PCIe Gold Finger          | – 1 (PCI-E x4)  |                            |
| SIM Card Holder           | – 1   |                            |
| <b>Memory</b>             |   |                            |
| Technology                | – DDR4 2133MHz DRAM                                     |                            |
| Max.                      | – 16GB  |                            |
| Socket                    | – 1 * SO-DIMM   |                            |
| <b>Graphics</b>           |   |                            |
| Controller                | – Intel® HD Graphics 510                                |                            |
| VRAM                      | – Shared Memory   |                            |
| VGA                       | – 1 (Max Resolution: 1920x1200@60Hz)                    |                            |
| LVDS                      | – 1 (Max Resolution: 2560 x 1600@60Hz)                  |                            |
| eDP 1.3                   | – 1 ( Max Resolution: 4096x2304@60Hz)                   |                            |
| HDMI 1.4                  | – 1 (Max Resolution : 4096x2304@24Hz)                   |                            |
| DisplayPort               | – 0   |                            |
| Multi Display             | – 2 Displays  |                            |
| <b>Ethernet</b>           |   |                            |
| Ethernet                  | – 10/100/1000 Mbps                                      |                            |
| Controller                | – 1* REALTEK® RTL8111G GbE                              | – 2* REALTEK® RTL8111G GbE |
| Connector                 | – 1 * RJ 45   | – 2 * RJ 45                |
| <b>Audio</b>              |   |                            |
| CODEC                     | – HD Audio : REALTEK® ALC662                            |                            |
| Channel                   | – FP_AUDIO, 3W Amplifier Speaker out                    |                            |
| <b>SATA</b>               |   |                            |
| Max Data Transfer Rate    | – 1 * SATAIII (6.0Gb/s, Support Slim hard drive design) |                            |
| <b>Rear I/O</b>           |   |                            |
| VGA                       | – 0   |                            |
| HDMI                      | – 1 (CO-LAY VGA Header)                                 |                            |
| DisplayPort               | – 0   |                            |
| Ethernet                  | – 1   | – 2                        |
| USB                       | – 4* USB 3.0<br>– 2* USB2.0                             | – 4 * USB 3.0              |
| Audio                     | – 2 (Line-out + MIC)                                    |                            |
| DC-input                  | – 1 (12V DC-IN■)  |                            |
| <b>Internal Connector</b> |   |                            |
| USB                       | – 2 * USB 2.0   | – 4 * USB 2.0              |
| PS/2                      | – 1   |                            |
| LVDS / inverter           | – 1   |                            |
| eDP                       | – 1   |                            |
| VGA                       | – 1 (CO-LAY HDMI port)                                  |                            |
| Serial                    | – 4 (COM1/2 Support 5V/12V TTL)                         |                            |
| SATA                      | – 1 * SATAIII (6.0Gb/s)                                 |                            |
| mPCIe                     | – 1 (full size)   |                            |
| mSATA                     | – 1 (full size)   |                            |

|                           |   |
|---------------------------|---|
| GPIO                      | - 16bit (5V)  |
| Chassis intrusion         | - 0   |
| Audio Header              | - 1   |
| SMBUS/ I2C                | - 1   |
| Others                    | - 1* PCI-Ex4 Gold finger  |
| <b>Watchdog Timer</b>     |   |
| Output                    | - From Super I/O to drag RESETCON#  |
| Interval                  | - 256 segments (0 ~ 255sec)   |
| <b>Power Requirements</b> |   |
| Input PWR                 | - 12V DC in   |
| Power On                  | AT/ATX Supported<br>- AT : Directly PWR on as Power input ready<br>- ATX : Press Button to PWR on after Power input ready |
| <b>Certifications</b>     |   |
| Certifications            | - CE, FCC, RoHS, REACH  |
| <b>Environment</b>        |   |
| Temperature               | - Operating: -10°C ~ 60°C   |
|                           | - Storage: -20°C ~ 70°C   |
| <b>Warranty</b>           |   |
| Warranty                  | - 2 Years Limited Warranty  |