

# LS-SYGK fanless industrial PCs

LS-SYGK series · Vision controllers · 8 models

Fanless aluminium industrial computer to run machine-vision software next to the line; memory: 1xSO-DIMM DDR3L Slot, max 8GB DDR3L; storage: 1xMSATA3.0 SSD and 1xSATA3.0 HDD. Barebone: memory, storage and Wi-Fi are quoted with it.



## Features

- Without fan, Fanless system
- Black colour Aluminum alloy case
- Can be mounted back of wall by optional long screws

## Applications

- Machine-vision inspection PC
- Line-side data collection and control

## Common specifications

|                  |                                                                                            |
|------------------|--------------------------------------------------------------------------------------------|
| Configuration    | Barebone: no memory, no storage and no Wi-Fi module fitted; add them to your quote request |
| Storage          | 1xMSATA3.0 SSD and 1xSATA3.0 HDD                                                           |
| Wireless         | Inbuilt WiFi&Bluetooth with Dual antennas(optional)                                        |
| Operating system | Windows / Linux                                                                            |
| Certification    | CE, FCC, RoHS (manufacturer)                                                               |

## Models

| Model         | Processor           | Processor details                                                                                      | I/O                                                                                                       | Memory                              | Dimensions             | Weight         | In the box                                                  |
|---------------|---------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------|----------------|-------------------------------------------------------------|
| LS-SYGKX3317U | Intel Core i5-3317U | Intel Core i5 3317U 1.7GHz max 2.6GHz(Turbo boost Technology) 2 Core 4 threads, Intel HD Graphics 4000 | HDMI, VGA, 4RS232 COM, 2RJ45 Giga LAN, 4USB3.0, 4USB2.0, MIC, SPK, LED, Switch On/Off, DC-IN, 2WiFi holes | 1xSO-DIMM DDR3L Slot, max 8GB DDR3L | 213(235) x 150 x 52 mm | 2.5 kg per set | Mini PC device, Power Adapter, dual wifi antennas(optional) |

|                |                                      |                                                                                                                                                                                                |                                                                                                                                          |                                                      |   |   |   |
|----------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---|---|---|
| LS-SYGKX6157U  | Intel Core i3-6157U                  | Onboard Intel SKYLAKE 14nm CPU<br>Intel Core i3-6157U<br>2.4GHz Dual Cores<br>Four Threads 3MB<br>cache TDP 28W Intel<br>Iris Graphics 550                                                     | HDMI, VGA,<br>2RS232 COM,<br>2RJ45 Giga<br>LAN,<br>4USB3.0,<br>3USB2.0,<br>MIC, SPK,<br>LED, Switch<br>On/Off, DC-<br>IN, 2WiFi<br>holes | 2xSO-<br>DIMM<br>DDR3L<br>Slot, max<br>16GB<br>DDR3L | - | - | - |
| LS-SYGKX7020U  | 7020U<br>CPU (per<br>model<br>code)  | -                                                                                                                                                                                              | HDMI, VGA,<br>2RS232 COM,<br>2RJ45 Giga<br>LAN,<br>4USB3.0,<br>3USB2.0,<br>MIC, SPK,<br>LED, Switch<br>On/Off, DC-<br>IN, 2WiFi<br>holes | 2xSO-<br>DIMM<br>DDR3L<br>Slot, max<br>16GB<br>DDR3L | - | - | - |
| LS-SYGKX7200U  | 7200U<br>CPU (per<br>model<br>code)  | -                                                                                                                                                                                              | HDMI, VGA,<br>2RS232 COM,<br>2RJ45 Giga<br>LAN,<br>4USB3.0,<br>3USB2.0,<br>MIC, SPK,<br>LED, Switch<br>On/Off, DC-<br>IN, 2WiFi<br>holes | 2xSO-<br>DIMM<br>DDR3L<br>Slot, max<br>16GB<br>DDR3L | - | - | - |
| LS-SYGKX8250U  | Intel Core i5-8250U                  | Onboard Intel Kaby<br>Lake Refresh Intel<br>Core i5 8250U<br>Processor, 6M<br>Cache, up to 3.40<br>GHz(Turbo boost<br>Technology) Quad<br>Cores 8 Threads TDP<br>15W Intel UHD<br>Graphics 620 | HDMI, VGA,<br>2RS232 COM,<br>2RJ45 Giga<br>LAN,<br>4USB3.0,<br>3USB2.0,<br>MIC, SPK,<br>LED, Switch<br>On/Off, DC-<br>IN, 2WiFi<br>holes | 2xSO-<br>DIMM<br>DDR3L<br>Slot, max<br>16GB<br>DDR3L | - | - | - |
| LS-SYGKX8550U  | Intel Core i7-8550U                  | Intel Core i7-8550U<br>Processor, 8M<br>Cache, up to 4.0<br>GHz(Turbo boost<br>Technology) Quad<br>Cores 8 Threads TDP<br>15W Intel UHD<br>Graphics 620                                        | HDMI, VGA,<br>2RS232 COM,<br>2RJ45 Giga<br>LAN,<br>4USB3.0,<br>3USB2.0,<br>MIC, SPK,<br>LED, Switch<br>On/Off, DC-<br>IN, 2WiFi<br>holes | 2xSO-<br>DIMM<br>DDR3L<br>Slot, max<br>16GB<br>DDR3L | - | - | - |
| LS-SYGKX10210U | 10210U<br>CPU (per<br>model<br>code) | -                                                                                                                                                                                              | HDMI, VGA,<br>2RS232 COM,<br>2RJ45 Giga<br>LAN,<br>4USB3.0,<br>3USB2.0,<br>MIC, SPK,<br>LED, Switch<br>On/Off, DC-<br>IN, 2WiFi<br>holes | 2xSO-<br>DIMM<br>DDR3L<br>Slot, max<br>16GB<br>DDR3L | - | - | - |

|                |                      |                                                                                                                      |                                                                                                           |                                      |   |   |   |
|----------------|----------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------|---|---|---|
| LS-SYGKX10510U | Intel Core i7-10510U | Onboard Intel Comet Lake Intel Core i7 10510U 1.8GHz up to 4.90GHz Quad Cores 8 Threads, Intel UHD Graphics, TDP 45W | HDMI, VGA, 2RS232 COM, 2RJ45 Giga LAN, 4USB3.0, 3USB2.0, MIC, SPK, LED, Switch On/Off, DC-IN, 2WiFi holes | 2xSO-DIMM DDR3L Slot, max 16GB DDR3L | - | - | - |
|----------------|----------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------|---|---|---|

Product views

