

LS-YBGK fanless industrial PCs

LS-YBGK series · Vision controllers · 7 models

Fanless aluminium industrial computer to run machine-vision software next to the line; memory: 1 x SO-DIMM DDR3L Slot; Support 2GB/4GB/8GB; DDR3L 1333/1600, LPDDR3 1333/1600.



Features

- 2 Intel Gigabit RJ45 LAN, 2 HDMI display output and 6 RS232 COM ports
- One embedded SIM card slot for 3G/4G module for option
- Full aluminium alloy black shell for heat dissipation
- Fanless system without cooling fan, fit for industrial grade field, work as long as 24 hours
- Low consumption TDP only 15W and can be mounted on the wall
- Support PXE and call on function automatically

Applications

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

Common specifications

Configuration	Memory, storage and Wi-Fi as quoted (the supported options are listed below)
TDP	15W
PXE	YES
Antenna	2 x inner RF cables and 2 x external antennas
Power output	DC +12V~+19V, recommend 12V/5A
Relative humidity	0%~90% (non-condensing)
Switch	1 x Power On/Off Switch
Power	1 x 12V DC In

LED	1 x LED
Audio ports	1 x MIC, 1 x SPK
SATA	1 x SATA3.0 slot for SATA HDD or SSD, support 6Gb/s
Shell	Black color aluminum alloy
Mounting	4 Mounting holes on case
Cooling	Fanless
In the box	1x Mini PC, 1x Power Adapter, 1x Power Cord, 1x Screws Bag
Optional	Wi-Fi antennas, 1x HDMI cable, 1x User Manual, 1x Long Screws Bag
Certification	CE, FCC, RoHS (manufacturer)

Models

Model	Processor	Processor details	BIOS	Chipset	Memory	Operating system	Audio
LS-YBGKX4010UL	Intel Core i3-4010U	Onboard Intel Core i3 4010U 1.7GHz (Turbo boost Technology) Dual Core Four Threads	AMI BIOS, ACPI supported, Support call on function automatically	Intel QS77 Express High Speed Chipset	1 x SO-DIMM DDR3L Slot; Support 2GB/4GB/8GB; DDR3L 1333/1600, LPDDR3 1333/1600	Windows 7/ Windows 8/ Windows 10/Linux	ALC892 HIFI sound chip, 6-channel
LS-YBGKX4200UL	Intel Core i5-4200U	Onboard Intel Core i5 4200U 1.6GHz Max 2.6GHz (Turbo boost Technology) Dual Core Four Threads	AMI BIOS, ACPI supported, Support call on function automatically	Intel QS77 Express High Speed Chipset	1 x SO-DIMM DDR3L Slot; Support 2GB/4GB/8GB; DDR3L 1333/1600, LPDDR3 1333/1600	Windows 7/ Windows 8/ Windows 10/Linux	ALC892 HIFI sound chip, 6-channel
LS-YBGKX4500UL	Intel Core i7-4500U	Onboard Intel Core i7-4500U 1.8GHz Max 3.0GHz (Turbo boost Technology) Dual Core Four Threads	AMI BIOS, ACPI supported, Support call on function automatically	Intel QS77 Express High Speed Chipset	1 x SO-DIMM DDR3L Slot; Support 2GB/4GB/8GB; DDR3L 1333/1600, LPDDR3 1333/1600	Windows 7/ Windows 8/ Windows 10/Linux	ALC892 HIFI sound chip, 6-channel
LS-YBGKX7020U	Intel Core i3-7020U	Onboard Intel Kaby Lake Refresh Intel Core i3-7020U Processor, 3M Cache, 2.30 GHz Dual Cores 4 Threads TDP 15W Intel UHD Graphics 620	AMI BIOS, ACPI supported	Kaby Lake	2 x SO-DIMM DDR4 Slot; Support 4GB/8GB/16GB/32GB/64GB; DDR4-2400, LPDDR3-2133	Windows 10/Linux	ALC897 chip, 7.1 channel sound; Intel Lynx Point-LP HDA

LS-YBGKX8250U	Intel Core i5-8250U	Onboard Intel Core i5-8250U 1.6GHz Max 3.4GHz (Turbo boost Technology) Quad Core 8 Threads	AMI BIOS, ACPI supported	Intel KABYLAKE	2 x SO-DIMM DDR4 Slot; Support 8GB/16GB/32GB; Dual Channel, DDR4-2400, LPDDR3-2133	Windows 7/ Windows 8/ Windows 10/Linux	ALC897 chip, 7.1 channel sound; Intel Lynx Point-LP HDA
LS-YBGKX8550U	Intel Core i7-8550U	Onboard Intel Core i7-8550U 1.8GHz Max 4.0GHz (Turbo boost Technology) 4 Cores 8 Threads	AMI BIOS, ACPI supported	Intel KABYLAKE	2 x SO-DIMM DDR4 Slot; Support 8GB/16GB/32GB; Dual Channel, DDR4-2400, LPDDR3-2133	Windows 7/ Windows 8/ Windows 10/Linux	ALC897 chip, 7.1 channel sound; Intel Lynx Point-LP HDA
LS-YBGKX10510U	Intel Core i7-10510U	Onboard Intel Comet Lake Refresh Intel Core i7-10510U Processor, 8M Cache, 1.8GHz up to 4.9GHz (Turbo boost Technology) 4 Cores 8 Threads TDP 15W Intel UHD Graphics	AMI BIOS, ACPI supported	Intel KABYLAKE	2 x SO-DIMM DDR4 Slot; Support 4GB/8GB/16GB; DDR3L-1600, DD3L-1333, LPDDR3-1600, LPDDR3-1333	Windows 10/Linux	ALC897 chip, 7.1 channel sound; Intel Lynx Point-LP HDA

More values per model (Motherboard, Network, Video, Wi-Fi module, Power input, Operating temperature, Storage temperature, USB, Display, LAN, COM, SIM...) are on each product page.

Product views

