



Item	Spec	
Form Factor	3.5" single board computer, 102 mm x 147 mm (4" x 5.8")	
Processor Chipset	Intel Kaby Lake-U i5-7300U with integrated graphics (Compatible with 3955U / i3-6100U / i5-6300U / i7-6600U and 3965U / i3-7100U / i7-7600U)	
Main Memory	<ul style="list-style-type: none"> • 2 x 204-pin DDR4 SO-DIMM slot • Max capacity up to 32GB 	
Audio Controller	Realtek ALC283	
Expansion Capability	<ul style="list-style-type: none"> • M.2 2230 (E Key) with (PCIe x 1 / USB 2.0) 	1
	<ul style="list-style-type: none"> • Mini PCIe (full length, USB / PCIe / SATA) 	1
External I/O	<ul style="list-style-type: none"> • HDMI-out 	1
	<ul style="list-style-type: none"> • VGA 	1
	<ul style="list-style-type: none"> • USB 3.0 	4
	<ul style="list-style-type: none"> • RJ-45 	2
	<ul style="list-style-type: none"> • Audio combo jack (Mic-in and Line-out) 	1
	<ul style="list-style-type: none"> • LVDS / eDP 	1
	<ul style="list-style-type: none"> • 7-pin SATA connector 	1
	<ul style="list-style-type: none"> • 4-pin SATA power 	1
Internal I/O	<ul style="list-style-type: none"> • USB 2.0 	2
	<ul style="list-style-type: none"> • RS-232 	3
	<ul style="list-style-type: none"> • RS-232 / 422 / 485 	1
	<ul style="list-style-type: none"> • Audio header supporting system stereo speaker or buzzer 	1
	<ul style="list-style-type: none"> • MiAPI header 	1
	<ul style="list-style-type: none"> • Chassis front panel header 	1
SI/O Controller	NCT6104D	
LAN Controller	<ul style="list-style-type: none"> • 1 x I219LM, 1 x I211AT 	
BIOS	AMI UEFI	
Hardware Management	<ul style="list-style-type: none"> • Nuvoton NCT6104D based subsystem, including: • Voltage sense to detect out of range power supply voltages • Thermal sense to detect out of range thermal values 	
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C ~ 60°C (32°F ~ 140°F) • Storage Temperature: -20°C ~ 80°C (-4°F ~ 140°F) • Relative Humidity: 95% @60°C non-condensing 	
Certification	<ul style="list-style-type: none"> • CE • FCC 	

Packing List

- PD10KS Mainboard
- Driver CD
- Quick Guide
- SATA Power Cable
- SATA Signal Cable