mootek
TECHNOLOGIES PVT. LTD.

Industrial Box PC

Model No: MBOX-520-I3-4L-6C



Technical Specifications

Case Size	215*150*52mm (L*W*H)
Processor	TDP:15W,low power consumption,energy conservation Intel 8th generation FCBGA1356 Celeron,Core i3 i5 i7 CPU
Chipset	Integrated single chip in CPU
Memory	1*Laptop DDR4 2133/2400 MHz Memory channel,Max 16GB RAM.
Graphics	Integrated Intel HD Graphics 510/520/610/620 in CPU.
Heat Dissipation	Fanless, integrated chassis cooling, faster heat dissipation.
Power Supply	Support DC 12V~19V;DC port: 5.5*2.5mm; Recommend 12V 5A/7A/10A or 19V 3A (or above).
Ethernet	1*Realtek 8111H Gigabit Ethernet RJ45 LAN port;Other option:Dual LAN ports. Support wake-on-LAN and PXE diskless boot function
Power Switch	1*Power button.

Display	Support single display,dual display copy&expansion,single display under DOS; Support H.264,3D,2K,1080P,FHD,4K,UHD display; 1*VGA DB15 port supports Max resolution 1920*1200@60Hz; 1*HDMI 1.4 port supports Max resolution 3840*2160@24/30Hz.
External I/O Ports	1*DC_in; 1*HDMI; 1*VGA; 4*USB3.0; 4*USB2.0/6*USB2.0; 6*COM; 1*Audio; 1*Mic-in; 1*LAN/2*LAN
Built-in Pins	LVDS;INVERT;INT_SPK;F_Audio;SPDIF;2*USB2.0;F_PANEL;AUTO_SW;GPIO;SIM card slot,etc.
Sound	Integrated Realtek ALC662 HD digital audio decoder,6-channel high-fidelity audio controller.
Hard Disk	1*SATA3.0 port for 2.5inch SSD or HDD; 1*MSATA slot(SATA protocol) for MSATA SSD; If you need NVME(PCIE) protocol in MSATA slot,please tell us to change in advance.
Transmission distance	40Km @ 9 / 125um single mode fiber, attenuation (0.35dbm/km)
Wi-Fi	2*WIFI holes for antenna masts. 1*Mini PCIE slot (PCIE, USB signals) supports WIFI/3G/4G/Bluetooth/GPS module.

Battery	3V CR2032 button battery
COM (Serial Port)	HDB3
Operating Environment	Operating temperature: -20℃~60℃; Working humidity:5%~95% Relative humidity, no condensation.
BIOS	AMI BIOS;Support power on,timing switch,remote switch,intelligently identify devices.
Watch Dog	0~Watch Dog programming supports hardware reset function (256 levels, 0~255 seconds).
Power On	By default, the PC does not support “Power On”, if you need, please tell us to set in advance.
Operating System	Compatible with IEEE 802.3, IEEE 802.1Q (VLAN)
Certificates	CE, CCC, ISO 9001:2015
Case Material	Aluminum Alloy
Installation Method	Wall Hanging, Desktop
Net Weight	3.0KG/set
Standard Accessories	Drive CD

Warranty	1 year
MOQ	1 set
Matched Motherboard	M600SE,M700SE