



7th Generation Intel® KabyLake Celeron® Processor 3865U
14nm dual core 1.80GHz 2MB Cache / Intel® HD Graphics 610



Intel AES-NI Compatibility. AES-NI can lower the risk of side-channel attacks as well as greatly improve security performance



Support Watchdog Timer.



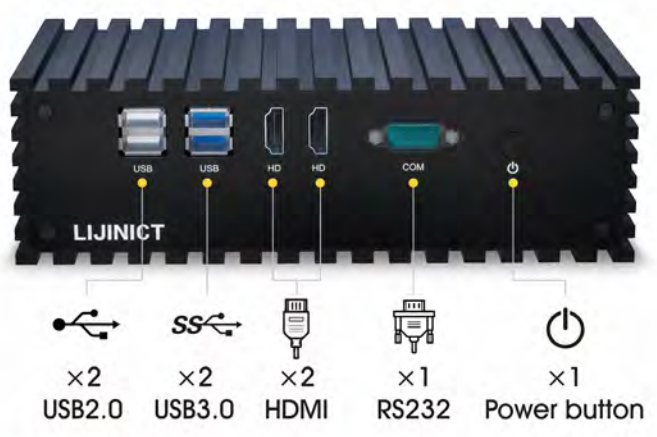
Versatile networking is a key requirement for an IoT gateway. TX380-CC addresses this requirement with quad Gbit Ethernet ports (Intel I211) that can be extended to 4 ports and support for WiFi and 4G cellular modem working in conjunction.

www.tometek.com

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|--------------------|--|
| Part No# | TX380-CC |
| CPU / GPU | Intel SkyLake/KabyLake U series CPU (Celeron 3865U , 7 th Gen Core i3 / i5, HD Graphics 510/610) |
| Memory | 1 x DDR3L SODIMM , Support up to 8GB max |
| Storage | 1 x 2.5-inch HDD/SSD 1 x Mini-PCIE for Msata SSD |
| Front I/O | 2 x USB 3.0 port , 2 x 2.0 port 2 x HDMI port 1 x DB9 COM RS232 port |
| Rear I/O | 1 x 5.5mm x 2.5mm DC JACK 4 x 10/100/1000M BASE-T (Intel® Ethernet Controller I211 Series) |
| OS | Windows 7, Windows 10, Linux, Pfsense, OPNVPN. Ubuntu, FreeBSD, ect. |
| Power | DC12V @ 3A |
| Temperature | Work Temp -20~60°C, Storage Temp -40~85°C |

Wide range of applications







7th Generation Intel® KabyLake Celeron® Processor 3865U
1.4nm dual core 1.80GHz 2MB Cache / Intel® HD Graphics 610



Intel AES-NI Compatibility. AES-NI can lower the risk of side-channel attacks as well as greatly improve security performance



Support Watchdog Timer.

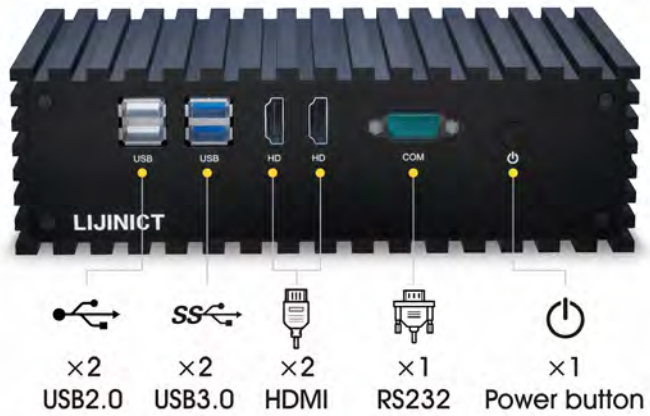


Versatile networking is a key requirement for an IoT gateway. TX-380-CCCC addresses this requirement with octa Gbit Ethernet ports (Intel I211 & I350) that can be extended to 8 ports and support for WiFi and 4G cellular modem working in conjunction.

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|--------------------|---|
| Part No# | TX380-CCCC |
| CPU / GPU | Intel SkyLake/KabyLake U series CPU (Celeron 3855U/3865U , Core i3 / i5, HD Graphics 510/610) |
| Memory | 1 x DDR3L SODIMM , Support up to 8GB max |
| Storage | 1 x Mini-PCIE for Msata SSD |
| Front I/O | 2 x USB 3.0 port , 2 x 2.0 port 2 x HDMI port 1 x DB9 COM RS232 port |
| Rear I/O | 1 x 5.5mm x 2.5mm DC JACK 4 x 10/100/1000M BASE-T (Intel® Ethernet Controller I211 Series) 4 x 10/100/1000M BASE-T (i350) |
| OS | Windows 7, Windows 10, Linux, Pfsense, OPNVPN. Ubuntu, FreeBSD, ect. |
| Power | DC12V @ 3A |
| Temperature | Work Temp -20~60°C, Storage Temp -40~85°C |

Wide range of applications







7th Generation SkyLake/KabyLake U series CPU
(Celeron 3865U , Core i3-7100U, Core i5-7200U)



Intel AES-NI Compatibility. AES-NI can lower the risk of side-channel attacks as well as greatly improve security performance



Support Watchdog Timer.



10/100/1000M BASE-T x2 Intel® Ethernet Controller I211 Series



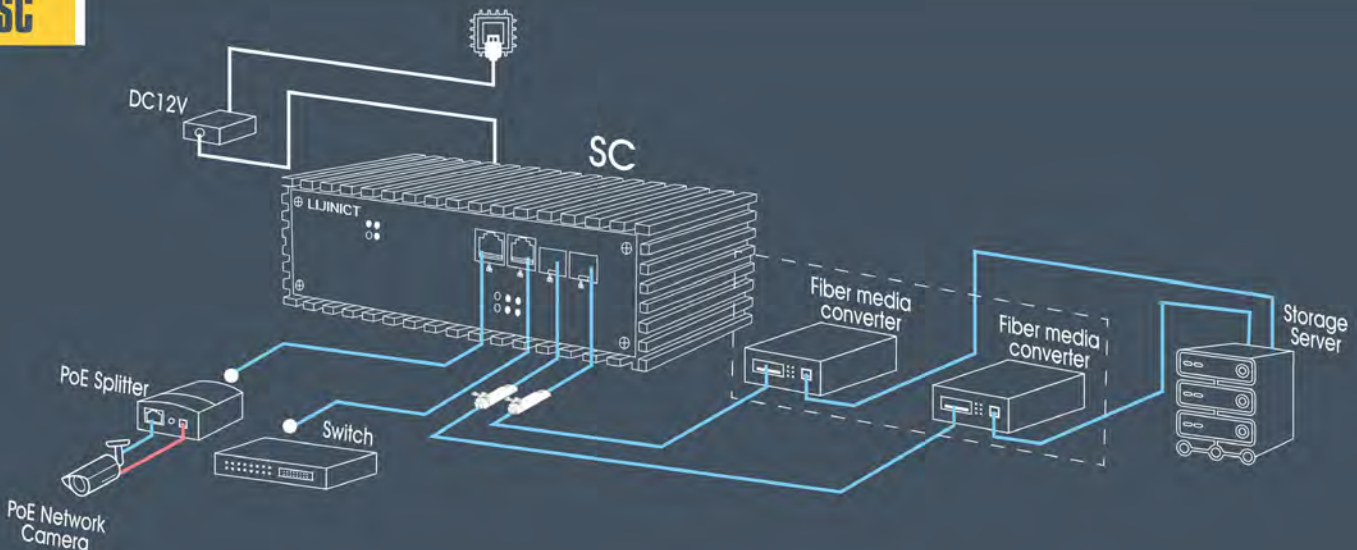
Gigabit SFP x2 Intel® Ethernet Controller I210 Series



Full MINI PCI Express Connector x 1 for expansion WIFI, Bluetooth or 4G LTE Module

| | |
|--------------------|---|
| Part No# | TX380-SC |
| CPU / GPU | Intel SkyLake/KabyLake U series CPU (Celeron /3865U , Core i3 / i5, HD Graphics 510/610) |
| Memory | 1 x DDR3L SODIMM , Support up to 8GB max |
| Storage | 1 x 2.5-inch HDD/SSD 1 x Mini-PCIE for Msata SSD |
| Front I/O | 2 x USB 3.0 port , 2 x 2.0 port 2 x HDMI port 1 x DB9 COM RS232 port |
| Rear I/O | 1 x 5.5mm x 2.5mm DC JACK 2 x SFP 2 x 10/100/1000M BASE-T Intel® Ethernet Controller I210 /I211 Series |
| OS | Windows 7, Windows 10, Linux, Pfsense, OPNVPN. Ubuntu, FreeBSD, ect. |
| Power | DC12V @ 3A |
| Temperature | Work Temp -20~60°C, Storage Temp -40~85°C |

SC





- ×1 12V DC
- ×2 RJ45 Ports
- ×2 SFP Ports



- ×2 USB2.0
- ×2 USB3.0
- ×2 HDMI
- ×1 RS232
- ×1 Power button



10cm
(4 inches)

6cm
(2.4 inches)

20cm
(7.8 inches)

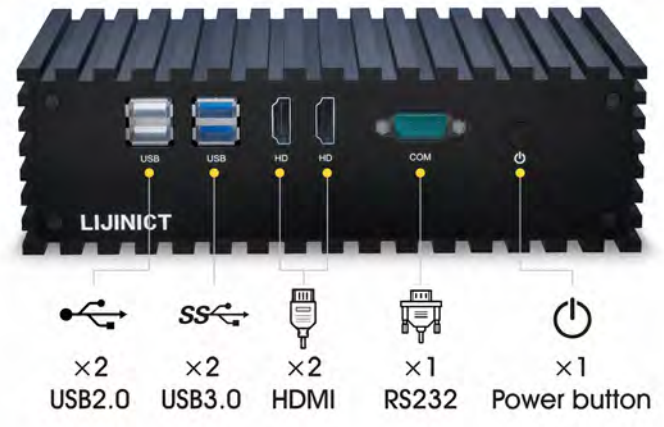


- 7th Generation SkyLake/KabyLake U series CPU
(Celeron 3865U , Core i3-7100U, Core i5-7200U)
- Intel AES-NI Compatibility. AES-NI can lower the risk of side-channel attacks as well as greatly improve security performance
- Support Watchdog Timer.
- 10/100/1000M BASE-T x4 Intel® Ethernet Controller I211 Series
- Gigabit SFP x4 (I350)
- Full MINI PCI Express Connector x 1 for expansion WIFI, Bluetooth or 4G LTE Module

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|--------------------|---|
| Part No# | TX380-SSCC |
| CPU / GPU | Intel SkyLake/KabyLake U series CPU (Celeron 3865U , Core i3 / i5, HD Graphics 510/610) |
| Memory | 1 x DDR3L SODIMM , Support up to 8GB max |
| Storage | 1 x Mini-PCIE for Msata SSD |
| Front I/O | 2 x USB 3.0 port , 2 x 2.0 port 2 x HDMI port 1 x DB9 COM RS232 port |
| Rear I/O | 1 x 5.5mm x 2.5mm DC JACK 4 x SFP 4 x 10/100/1000M BASE-T Intel® Ethernet Controller I211 Series |
| OS | Windows 7, Windows 10, Linux, Pfsense, OPNVPN. Ubuntu, FreeBSD, ect. |
| Power | DC12V @ 3A |
| Temperature | Work Temp -20~60°C, Storage Temp -40~85°C |

Wide range of applications





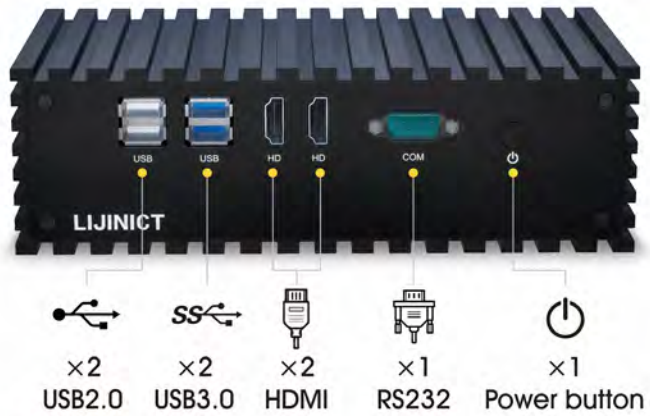


- 7th Generation SkyLake/KabyLake U series CPU
(Celeron 3865U , Core i3-7100U, Core i5-7200U)
- Intel AES-NI Compatibility. AES-NI can lower the risk of side-channel attacks as well as greatly improve security performance
- Support Watchdog Timer.
- 10/100/1000M BASE-T x6 Intel® Ethernet Controller I211 & I350 Series
- Gigabit SFP x2 Intel® Ethernet Controller I210
- Full MINI PCI Express Connector x 1 for expansion WIFI, Bluetooth or 4G LTE Module

| | |
|--------------------|---|
| Part No# | TX380-SCCC |
| CPU / GPU | Intel SkyLake/KabyLake U series CPU (Celeron 3865U , Core i3 / i5, HD Graphics 510/610) |
| Memory | 1 x DDR3L SODIMM , Support up to 8GB max |
| Storage | 1 x Mini-PCIE for Msata SSD |
| Front I/O | 2 x USB 3.0 port , 2 x 2.0 port 2 x HDMI port 1 x DB9 COM RS232 port |
| Rear I/O | 1 x 5.5mm x 2.5mm DC JACK 2 x SFP 6 x 10/100/1000M BASE-T Intel® Ethernet Controller I210 /I211 Series |
| OS | Windows 7, Windows 10, Linux, Pfsense, OPNVPN. Ubuntu, FreeBSD, ect. |
| Power | DC12V @ 3A |
| Temperature | Work Temp -20~60°C, Storage Temp -40~85°C |

Wide range of applications







7th Generation SkyLake/KabyLake U series CPU
(Celeron 3865U , Core i3-7100U, Core i5-7200U)



Intel AES-NI Compatibility. AES-NI can lower the risk of side-channel attacks as well as greatly improve security performance



Support Watchdog Timer.



Gigabit SFP x2 Intel® Ethernet Controller I210



10 Gigabit SFP+ x4 Intel® Ethernet Controller 82599 Series

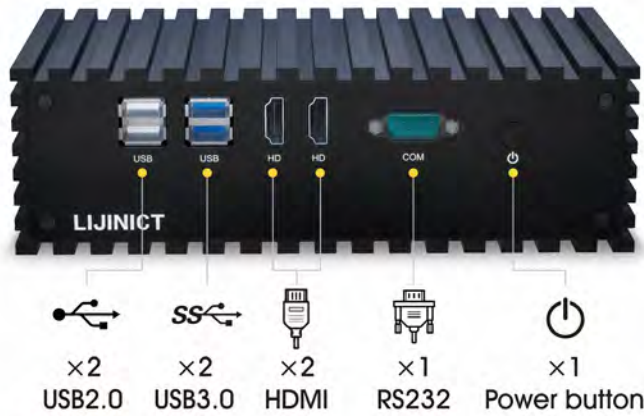
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| Part No# | TX380-TTS |
| CPU / GPU | Intel SkyLake/KabyLake U series CPU (Celeron 3855U/3865U , Core i3 / i5, HD Graphics 510/610) |
| Memory | 1 x DDR3L SODIMM , Support up to 8GB max |
| Storage | 1 x Mini-PCIE for Msata SSD |
| Front I/O | 2 x USB 3.0 port , 2 x 2.0 port 2 x HD Video output port 1 x DB9 COM RS232 port |
| Rear I/O | 1 x 5.5mm x 2.5mm DC JACK 4 x SFP+ 2 x SFP Intel® Ethernet Controller I210 Series |
| OS | Windows 7, Windows 10, Linux, Pfsense, OPNVPN. Ubuntu, FreeBSD, ect. |
| Power | DC12V@5A |
| Temperature | Work Temp -20~55°C, Storage Temp -40~85°C |



fanless Ruggedized Industrial Design

The fanless UniFi Industrial The fanless UniFi Industrial The fanless UniFi Industrial The fanless UniFi Industrial The fanless UniFi Industrial The fanless UniFi Industrial The fanless UniFi Industrial The fanless UniFi Industrial The fanless UniFi Industrial The fanless UniFi Industrial

- Fanless Operation
- Fanless Operation
- 24/7 Operation
- Fanless Operation





7th Generation SkyLake/KabyLake U series CPU
(Celeron 3865U , Core i3-7100U, Core i5-7200U)



Intel AES-NI Compatibility. AES-NI can lower the risk of side-channel attacks as well as greatly improve security performance



Support Watchdog Timer.



10/100/1000M BASE-T x2 Intel® Ethernet Controller I211 Series



Gigabit SFP x6 Intel® Ethernet Controller I210 & I350 Series



10 Gigabit SFP+ x2 Intel® Ethernet Controller 82599 Series

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|--------------------|---|
| Part No# | TX380-TSSSC |
| CPU / GPU | Intel SkyLake/KabyLake U series CPU (Celeron 3865U , Core i3 / i5, HD Graphics 510/610) |
| Memory | 1 x DDR3L SODIMM , Support up to 8GB max |
| Storage | 1 x Mini-PCIE for Msata SSD |
| Front I/O | 2 x USB 3.0 port , 2 x 2.0 port 2 x HDMI port 1 x DB9 COM RS232 port |
| Rear I/O | 1 x 5.5mm x 2.5mm DC JACK 2 x SFP+ 6 x SFP 2 x 10/100/1000M BASE-T Intel® Ethernet Controller I210 Series |
| OS | Windows 7, Windows 10, Linux, Pfsense, OPNVPN. Ubuntu, FreeBSD, ect. |
| Power | DC12V@5A |
| Temperature | Work Temp -20~60°C, Storage Temp -40~85°C |

Wide range of applications







7th Generation Skylake/KabyLake U series CPU
(Celeron 3865U , Core i3-7100U, Core i5-7200U)



Intel AES-NI Compatibility. AES-NI can lower the risk of side-channel attacks as well as greatly improve security performance



Support Watchdog Timer.



10/100/1000M BASE-T x2 Intel® Ethernet Controller I211 Series



Gigabit SFP x2 2 Intel® Ethernet Controller I210 Series



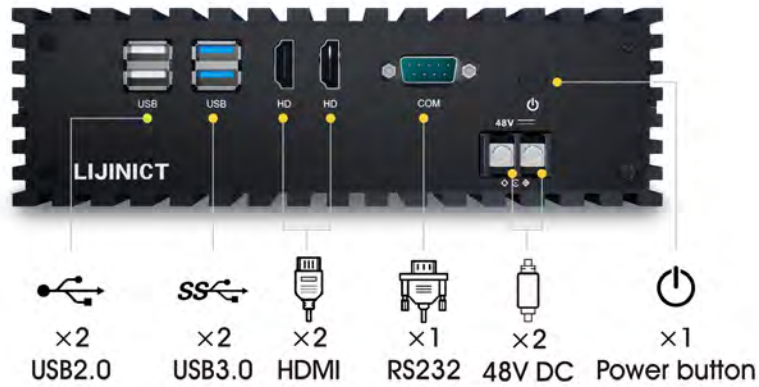
10 Gigabit SFP+ x2 Intel® Ethernet Controller 82599 Series



10/100/1000M BASE-T POE x4 Intel® Ethernet Controller i350 Series, output voltage 0V/24V/48V remote adjustable , 48V POE compatible to 802.3at protocol.

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| Part No# | TX380-TSPPC |
| CPU / GPU | Intel Skylake/KabyLake U series CPU (Celeron 3855U/3865U , Core i3 / i5, HD Graphics 510/610) |
| Memory | 1 x DDR3L SODIMM , Support up to 8GB max |
| Storage | 1 x Mini-PCIE for Msata SSD |
| Front I/O | 1 x 48V DC 2 x USB 3.0 port , 2 x 2.0 port 2 x HD Video output port 1 x DB9 COM RS232 port |
| Rear I/O | 1 x 5.5mm x 2.5mm DC JACK 2 x SFP+ , 2 x SFP 4 x 10/100/1000M BASE-T POE 2 x 10/100/1000M BASE-T Intel® Ethernet Controller I210 Series |
| OS | Windows 7, Windows 10, Linux, Pfsense, OPNVPN. Ubuntu, FreeBSD, ect. |
| POE | 4 x 48V PSE ports 145W Max 4 x 24V PSE ports 100W Max |
| Power | DC48V Input |







- 7th Generation SkyLake/KabyLake U series CPU (Celeron 3865U , Core i3-7100U, Core i5-7200U)
- Intel AES-NI Compatibility. AES-NI can lower the risk of side-channel attacks as well as greatly improve security performance
- Support Watchdog Timer.
- 10/100/1000M BASE-T x2 Intel® Ethernet Controller I211 Series
- Gigabit SFP x2 2 Intel® Ethernet Controller I210 Series
- 10/100/1000M BASE-T POE x4 Intel® Ethernet Controller i350 Series, output voltage 0V/24V/48V remote adjustable , 48V POE compatible to 802.3at protocol.

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| Part No# | TX380-SPPC |
| CPU / GPU | Intel SkyLake/KabyLake U series CPU (Celeron 3865U , Core i3 / i5, HD Graphics 510/610) |
| Memory | 1 x DDR3L SODIMM , Support up to 8GB max |
| Storage | 1 x Mini-PCIE for Msata SSD |
| Front I/O | 1 x 48V DC 2 x USB 3.0 port , 2 x 2.0 port 2 x HDMI port 1 x DB9 COM RS232 port 1 x 5.5mm x 2.5mm DC JACK 2 x SFP |
| Rear I/O | 4 x 10/100/1000M BASE-T POE 2 x 10/100/1000M BASE-T Intel® Ethernet Controller I211 Series |
| OS | Windows 7, Windows 10, Linux, Pfsense, OPNVPN. Ubuntu, FreeBSD, ect. |
| POE | 4 x 48V PSE ports 145W Max 4 x 24V PSE ports 100W Max |
| Power | DC48V Input |

SPPC



