

ENT8L Series

Main Features

- Intel Celeron 3867U Kaby Lake SOC Processor
- Intel HD Graphics 610
- 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS -232(DB9)
- 8 x Intel Gigabit LAN



Specifications

Processor System

CPU	Intel 8th Gen Celeron Kaby Lake SOC Processor Default 3867U Dual Core Processor, 1.8GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR 4 SO-DIMM Socket (Up to 32G, 2133/ 2400MHz)
Chipset	By CPU
Graphics	Intel® HD Graphics 610
LAN Chipset	8 x Intel I211 -AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0, 2 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211 -AT Gigabit LAN
-----	--------------------------------

Storage

Type	1 x 2.5 -inch HDD/SSD 1 x mSATA for SSD
------	--

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe Full -length for 4G, Half -length for Wi -Fi Only Support USB Device
M.2	1 x M.2 for Wi -Fi (E key, 2230)
SIM Card Slot	1
Automatically Boot Jumper	1
RS-232	0
GPIO	1 x 2.0 Pitch Header (Option)
RS-485	0
DC-in	Header

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	2.5kg
Mounting	VESA Mounting Bracket
Packaging Dimension	265 x 255 x 80mm
Kensington Lock	No
Cooling Mode	Fanless Design

ENT8L Series

5 COM Port



Main Features

- Intel Celeron 3867U Kaby Lake SOC Processor
- Intel HD Graphics 610
- 1 x HDMI, 1 x VGA (Option)
- 4 x USB 3.0, 2 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 6 x RS -232 (Support RS -485)
- 8 x Intel Gigabit LAN

Specifications

Processor System

CPU	Intel 8th Gen Celeron Kaby Lake SOC Processor Default 3867U Dual Core Processor, 1.8GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR 4 SO-DIMM Socket (Up to 32G, 2133/ 2400MHz)
Chipset	By CPU
Graphics	Intel® HD Graphics 610
LAN Chipset	8 x Intel I211-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0, 2 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I225V 2.5G LAN
Serial Port	1 x RS-232 Port (RJ45)

Storage

Type	1 x 2.5-inch HDD/SSD
	1 x mSATA for SSD

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi Only Support USB Device
M.2	1 x M.2 for Wi-Fi (E key, 2230)
SIM Card Slot	1
Automatically Boot Jumper	1
RS-232	6 (COM2/COM3 supports 5V/12V)
GPIO	1 x 2.0 Pitch Header (Option)
RS-485	COM2/COM3 can be set up as RS-232/RS-485
DC-in	Header

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	2.5kg
Mounting	VESA Mounting Bracket
Packaging Dimension	265 x 255 x 80mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: ENT 8L - Series

Ordering Code	ENT 8L - 1012GE	ENT 8L - 1035GE	ENT 8L - 1055GE	ENT 8L - 1076GE	ENT 8L - 335GE
Case					
Code Name	Kaby Lake R	Kaby Lake R	Kaby Lake R	Kaby Lake R	Kaby Lake R
Processor Type	Celeron	Core i3	Core i5	Core i7	Core i3
Processor Number	4305U	10110U	10210U	10810U	5005U
# of Cores	2	2	2	4	4
# of Threads	2	2	4	8	8
Base Frequency	1.8GHz	2.3GHz	2.0GHz	1.6GHz	1.8GHz
Max Turbo Frequency	/	/	3.40GHz	3.4GHz	4.0GHz
Cache	2M	2M	4M	6M	8M
Processor Graphics	Intel HD 610	Intel HD 610	Intel UHD 620	Intel UHD 620	Intel UHD 620

Ordering Code	ENT 8L - 375GE	ENT 8L - 355GE	ENT 8L - 305GE	ENT 8L - 818GE	ENT 8L - 838GE
Case					
Code Name	Kaby Lake	Kaby Lake	Kaby Lake	Kaby Lake	Kaby Lake
Processor Type	Core i3	Core i5	Celeron	Celeron	Core i3
Processor Number	5500U	5200U	3205U	3867U	8130U
# of Cores	2	2	2	2	2
# of Threads	2	2	4	4	4
Base Frequency	1.8GHz	2.2GHz	2.4GHz	2.5GHz	2.7GHz
Max Turbo Frequency	/	/	/	3.1GHz	3.5GHz
Cache	2M	2M	3M	3M	4M
Processor Graphics	Intel HD 610	Intel HD 610	Intel HD 620	Intel HD 620	Intel HD 620

Ordering Code	ENT 8L - 858GE
Case	
Code Name	Skylake
Processor Type	Core i5
Processor Number	8250U
# of Cores	2
# of Threads	2
Base Frequency	1.6GHz
Max Turbo Frequency	/
Cache	2M
Processor Graphics	Intel HD 510

Custom Options

Category	Description
USB 2.0	2
RS-232	5, DB9
GPIO	1
VGA	1
RS-485	2