



1U 3I612DW

1U Rackmount Embedded Computer
with 6th Intel® Skylake-U Processor



Features:

- 6th / 7th Gen Intel® Skylake-U / Kaby Lake-U i7 / i5 / i3 CPU
- 2 x DDR4 SODIMM socket, Max. 64GB
- Multiple Independent display: DP, HDMI & eDP
- 5 x Intel GbE LAN, 2 x SFP Fiber, 4 x USB 3.0, 2 x COM
- 2 x Mini PCIe, 4DI / 4DO, 1 x Nano SIM

Specifications :

Motherboard	3I612DW
CPU	6th / 7th Gen Intel® Skylake-U / Kaby Lake-U i7 / i5 / i3 CPU
Chipset	Intel® Skylake-U / Kaby Lake-U SoC
Memory	2 x DDR4 SODIMM socket, Max. 64GB
Storage	M. 2 B Key, mSATA, HDD / SSD*
Expansion slots	1 x Full-size Mini PCIe (PCIe) 1 x Full-size Mini PCIe (PCIe / mSATA / USB)
I/O ports	Network 5 x Intel GbE ; 2 x SFP Fiber USB 4 x USB 3.0 Serial ports 2 x RS232 / 422 / 485 Display 1 x DP, 1 x HDMI GPIO / SIM 4DI / 4DO, 1 x Nano SIM
Optional Modules & Accessory	GPS, Bluetooth, PoE, WiFi, 4G LTE, Isolated COM, battery UPS, Video Input, *SATA Kit, Wall Mount Kit, Rack Mount Kit
OEM IO Function	Audio, USB, DIO
OS Support	7th Generation Intel® Core™ Processor family: Kaby Lake Windows® 10 IOT (64bit), Ubuntu 16.04.3 above, Fedora 26 above, CentOS 7.4 above 6th Generation Intel® Core™ Processor family: Skylake Windows® 10 IOT (64bit) Windows® 8.1 (64bit) Windows® Embedded 8 Standard (64bit) Windows® 7 (64bit) Windows® Embedded Sta 7 (64bit) Ubuntu 16.04.3 above, Fedora 26 above, CentOS 7.4 above

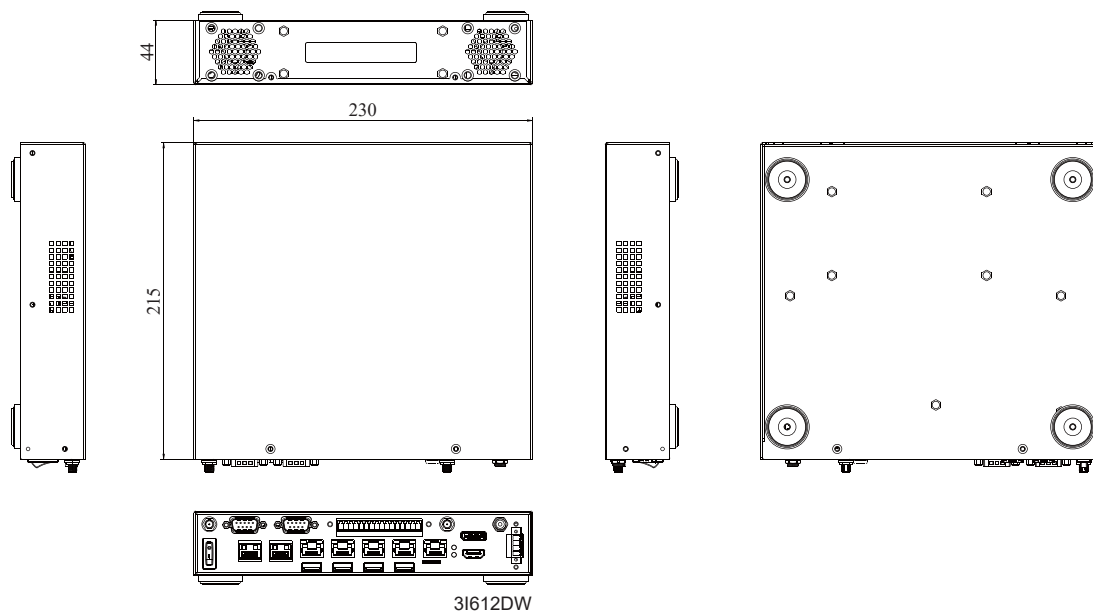
Mechanical

Dimensions	230W x 215D x 44H mm
Weight	1.259 kg
Mounting	1U Rack Mount*, Wall Mount*
Power	
DC input	+12~48V
AC input	External adapter 100 / 240V AC-DC 60W (optional)

Environment

Operating Temp. (100 % CPU usage)	-20°C to +60°C (Celeron 3955U) -20°C to +50°C (Core i5 6300U) -20°C to +50°C (Core i7 6600U) -20°C to +50°C (Core i3 6100U) *W / Industrial SSD
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing
Certification	CE / FCC class A

Dimension



Specification are subject to change without prior notice. ODM / OEM is available.