



DATASOUND - LABORATORIES -

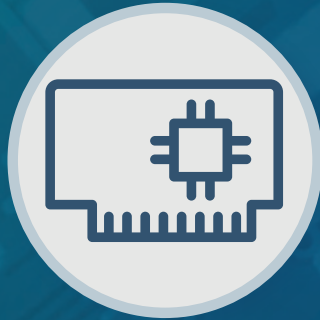
.....
EMBEDDING THE FUTURE



**Electronic
Design**



**Panel
PC / HMI**



**Single Board
Computer**



**Industrial
PC**

Why choose DSL?

- Over 25 Years Industry Experience
- 5 Years Warranty on all Products
- Evaluation Products Available
- Lifetime Technical Support

Our Services

- Electronic Design
- Production Management
- Assembly and Test
- Bespoke BIOS Creation
- Industrial Embedded PC Solutions



Call us on +44(0)1462 675530



Email us at sales@dsl-ltd.co.uk



www.dsl-ltd.co.uk



Features

- Intel Celeron N2930(1.83GHz) Processor
- 2 x 204-pin DDR3L SO-DIMM slot up to 8GB
- Easy Accessible Storage Design
- Fanless Design
- Multi-Expansion slot
- Wide Range DC 9~36V Power Input

Specifications

System	
Processor	Onboard Intel Celeron N2930(1.83GHz) Processor
System Chipset	SoC
System Memory	2 x 204-pin DDR3L SO-DIMM slot up to 8GB

Outside IO Port	
Front I/O	4 x USB 3.0 type A 2 x GbE LAN RJ-45 1 x RS-232/422/485 DB-9, COM1, default RS-232 1 x RS-232 DB-9, COM2 1 x Line-out 1 x Mic-in 1 x VGA 1 x HDMI 1 x 3-pin terminal block for DC power input 1 x 2-pin power switch
Rear I/O	1 x RS-422/485 DB-9, COM3, default RS-422 1 x RS-232/422/485 DB-9, COM4, default RS-232 4 x USB 2.0 Type A 1 x 8-bit GPIO (4 x DI, 4 x DO) Digital I/O, 1-5V, 1-GND 1 x on/off power button

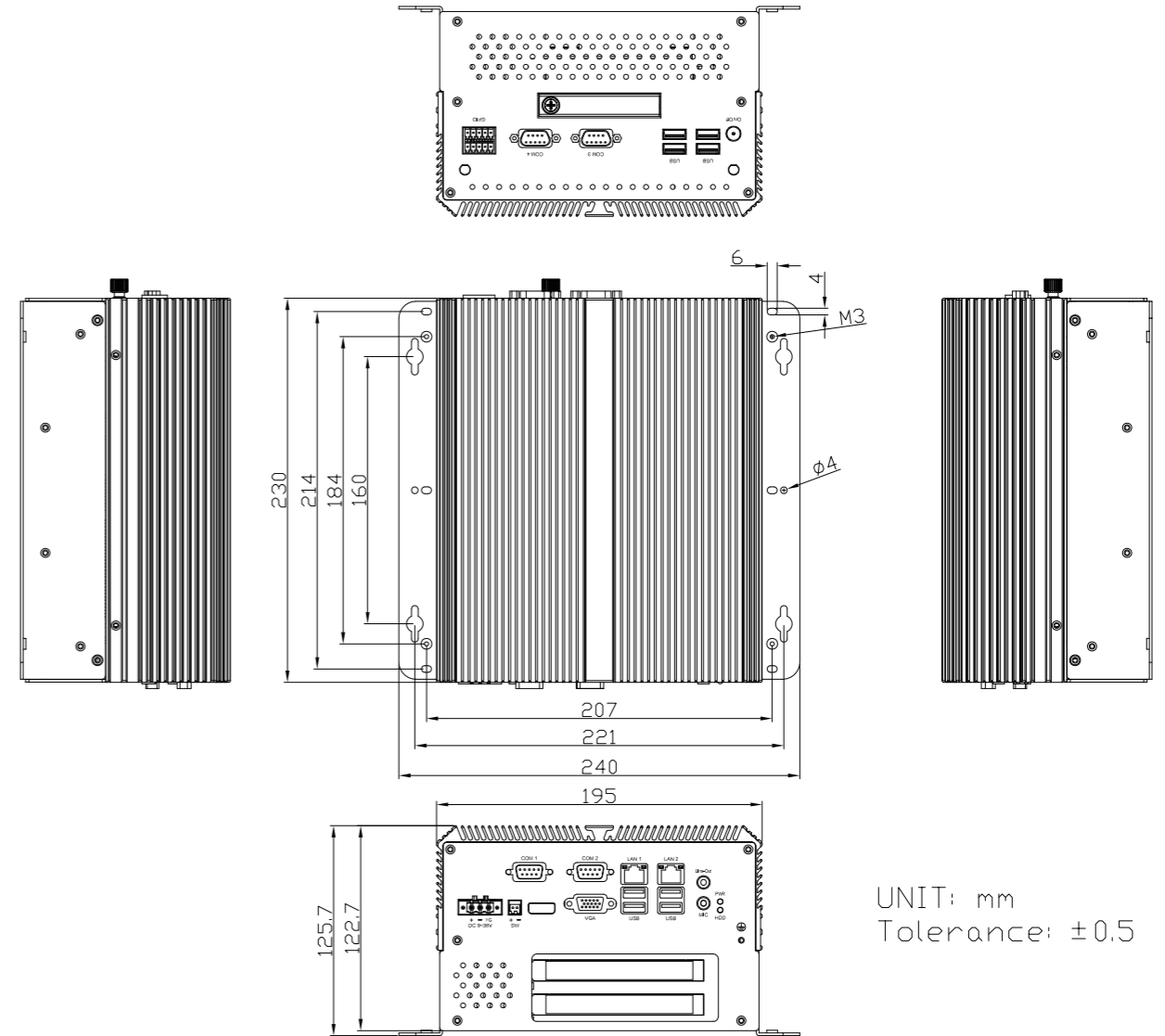
Storage	
Storage	1 x 2.5" SATA2 HDD bay for SATA2 HDD (Easy Accessible)

Expansion	
Expansion Slot	1 x Mini-PCIe slot full size (USB2.0 \ LPC \ SMBus Only, PCIe signal shared with riser expansion slot, selected by BIOS) 2 x PCIe x1 slot via TB-526E12 Default

Power	
Power Input	DC 9~36V
Power Consumption	MAX: 21.6W

Mechanical	
Construction	Plating Titanium Gray Aluminum Heatsink and Black Steel Chassis
IP Rating	IP20
Mounting	Wall Mount
Dimension	230 x 195 x 125.7 mm
Net weight(kgs)	4.3 kg

Dimensions



UNIT: mm
Tolerance: ±0.5

Environmental	
Operating Temperature	0~50°C / -20~60°C (option)
Storage Temperature	-30~70 °C
Storage Humidity	10~90% @40 °C non-condensing
Certificate	CE / FCC Class A

Operating System Support	
Windows 7 Pro for Embedded, Windows Embedded Standard 7, Windows Embedded 8.1 Industry Pro, Windows Embedded 8 Standard, Win 10 IoT 2016	

Ordering Information	
ACS-2312-01	Fanless Box PC, Intel Celeron N2930 CPU, 4GB DDR3L memory, 32GB MLC SSD, 1 x mini-PCIe slot full size, 2 x PCIe x1 slots, DC 9~36V power input with adaptor, Steel chassis with Aluminum heatsink

