



# DATASOUND - LABORATORIES -

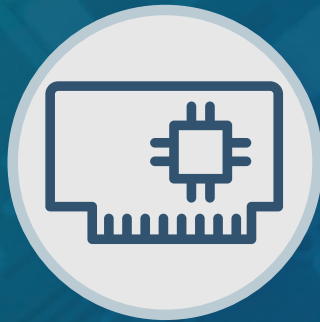
.....  
EMBEDDING THE FUTURE



**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](mailto:sales@dsl-ltd.co.uk)



[www.dsl-ltd.co.uk](http://www.dsl-ltd.co.uk)

### Features

- 17" Industrial Compact Size Panel PC
- Intel 6th Gen. Core i3(standard) / i5(option) CPU built-in
- 1 x 260Pin SO-DIMM DDR4 up to 16GB 2133MHz
- Flat Front Panel Touch Screen
- Fanless Design
- DC 9~36V Wide-Ranging Power Input
- Optional Projected Capacitive Touch Screen Support 7H Anti-Scratch Surface
- High Brightness 1,000 nits for Option

### Specifications

System	
CPU	Onboard Intel 6th Gen. Core i3 CPU Processors/ i5(option)
System Chipset	SoC
Memory	1 x 260Pin SO-DIMM DDR4 up to 16GB 2133MHz

I/O Port	
USB	2 x USB 3.0 type A 1 x DB-9 RS-232/422/485, COM1 (Default RS-232) 1 x RS-232 DB-9, COM2
Serial / Parallel	1 x Audio Line Out
Audio	2 x GbE LAN RJ-45
LAN	1 x 3-pin DC Power input terminal 1 x 2-Pin Power Switch
Power	Option
Option	2 x RS-232 DB-9 + 1 x Mini-PCIe slot via TB-528C2ME1 2 x CAN bus via TB-528CAN2 2 x USB 2.0 type A + 1 x Mini-PCIe slot + 1xRS-232 DB-9 via TB-528C1U2P1 2 x USB 2.0 type A Via TB-528U2 UPS battery 21W/10.8V/1.95Ah(3S1P)

Storage Space	
HDD	1 x 2.5" SATA HDD bay for SATA3 HDD (Easy Accessible)

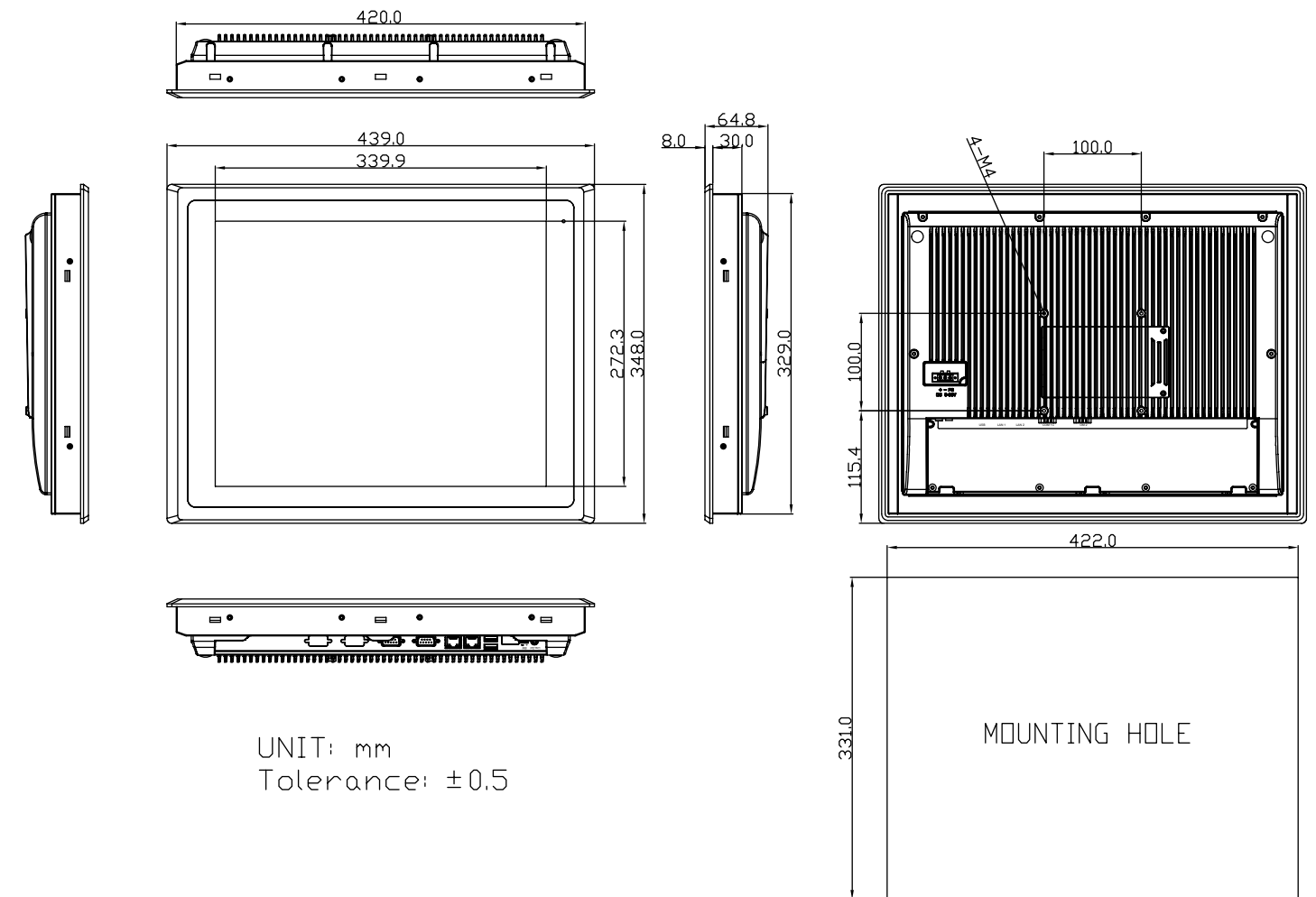
Expansion	
Expansion Slot	1 x Internal Mini-PCIe slot full size

Display	Standard	High Brightness Optional
Display Type	17" TFT LCD	17" TFT LCD
Max. Resolution	1280 x 1024	1280 x 1024
Max. Color	16.7M	16.7M
Luminance (cd/m <sup>2</sup> )	350	1000
View Angle	170(H) / 170(V)	170(H) / 160(V)
Contrast	1000:1	1000:1
Backlight Lifetime	50,000 hrs	50,000 hrs
Option	Optical bonding	Optical bonding

Touch Screen	Resistive Touch	Projected Capacitive Touch
Interface	USB	USB
Light Transmission(%)	Over 80%	Over 90%

Power	
Power Input	DC 9~36V
Power Consumption	ARCHMI-917A: 56W

### Dimensions



Mechanical	
Front Bezel	Flat Bezel design
Front Bezel Metal	Aluminum / Panel Mounting
Rear Panel Metal	Aluminum / VESA 100 x 100
Dimensions (WxHxD)	439mm x 348mm x 64.8mm
IP Rating	Front Panel IP66
Net Weight	6.25kg

Environmental	
Operating Temperature	0~50°C
Storage Temperature	-20~60°C
Storage Humidity	10 to 90%@ 40°C, non-condensing
Certificate	Meet CE / FCC, Class A

Operating System Support	
Windows 7 64 bit / Windows 8 64 bit / Windows 10 IoT 64 bit	

Ordering Information	
ARCHMI-917A-01	17" SXGA Fanless HMI barebone with Intel Core i3 CPU, 4GB DDR4 RAM, Resistive touch screen, 9~36V DC input with adapter, Aluminum chassis
ARCHMI-917AP-01	17" SXGA Fanless HMI barebone with Intel Core i3 CPU, 4GB DDR4 RAM, Projected Capacitive touch screen, 9~36V DC input with adapter, Aluminum chassis

