

P2389C-MT

23.8" Fanless compact Panel PC, high performance



Features

- 23.8" Industrial Compact Size Panel PC
- Flat front panel touch screen
- Fanless design
- Intel 6th / 7th Gen. Mobil Core i3/ i5 / i7 CPU, 2,3 - 3,4GHz, 15W only
- SODDDR4 RAMs upto 16 GB
- DC 11~24V wide ranging power input
- IP65 compliant front panel
- projected capacitive touch screen support 7H anti-scratch surface

Specifications

System

CPU (15 Watt only)	Onboard Intel 6th/7th Gen. Core i, 2,3-3,4 GHz Intel® Core i7-7500U™ CPU 3.4GHz, Kaby Lake Intel® Core i5-6300U™ CPU 2.4GHz, Skylake Intel® Core i3-6100U™ CPU 2.3GHz, Skylake
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IO Port

USB	4 x USB 3.0 type A
Serial/Parallel	1 x RS-232/422/485 DB-9, COM1, Default RS-232 1 x RS-232 DB-9, COM2 (optional)
Audio	1 x Audio Line Out, Realtec ALC887/888S
LAN	2 x GbE LAN RJ-45, Intel i219LM, i210AT Chipsatz
HDMI	1 x DP, 1x HDMI HD 520 - HD630
Power	1 x 3-pin DC Power input terminal 1 x 2-pin connector for power on/off button
Option	2 x RS-232 DB-9 via Cable 4 x USB 2.0 type A via Cable

Storage Space

HDD	1-2 2.5" SATA HDD bay for SATA HDD
Movable device	1 x CF card slot (optional)

Expansion

Expansion Bus	2 x Internal Mini-PCIe slot full size
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Display

Display Type	23.8" TFT-LCD
Max. Resolution	1920x1080
Max. Color	16.7M
Luminance (cd/m²)	300
View angle(H°/V°)	H:178° / V:178°

Touch Screen - Projected Capacitive Type

TS Control IC	Chip on tail
Interface	USB interface
Light Transmission(%)	Over 90%

CPUs Option:

Intel® Core i5-6300U™ CPU 2.4-3.0GHz, Skylake
Intel® Core i3-6100U™ CPU 2.3GHz, Skylake
and other Kaby Lake / Celeron CPUs as option



MSI Industrial Mainboards inside

Alptech Elektronik GmbH



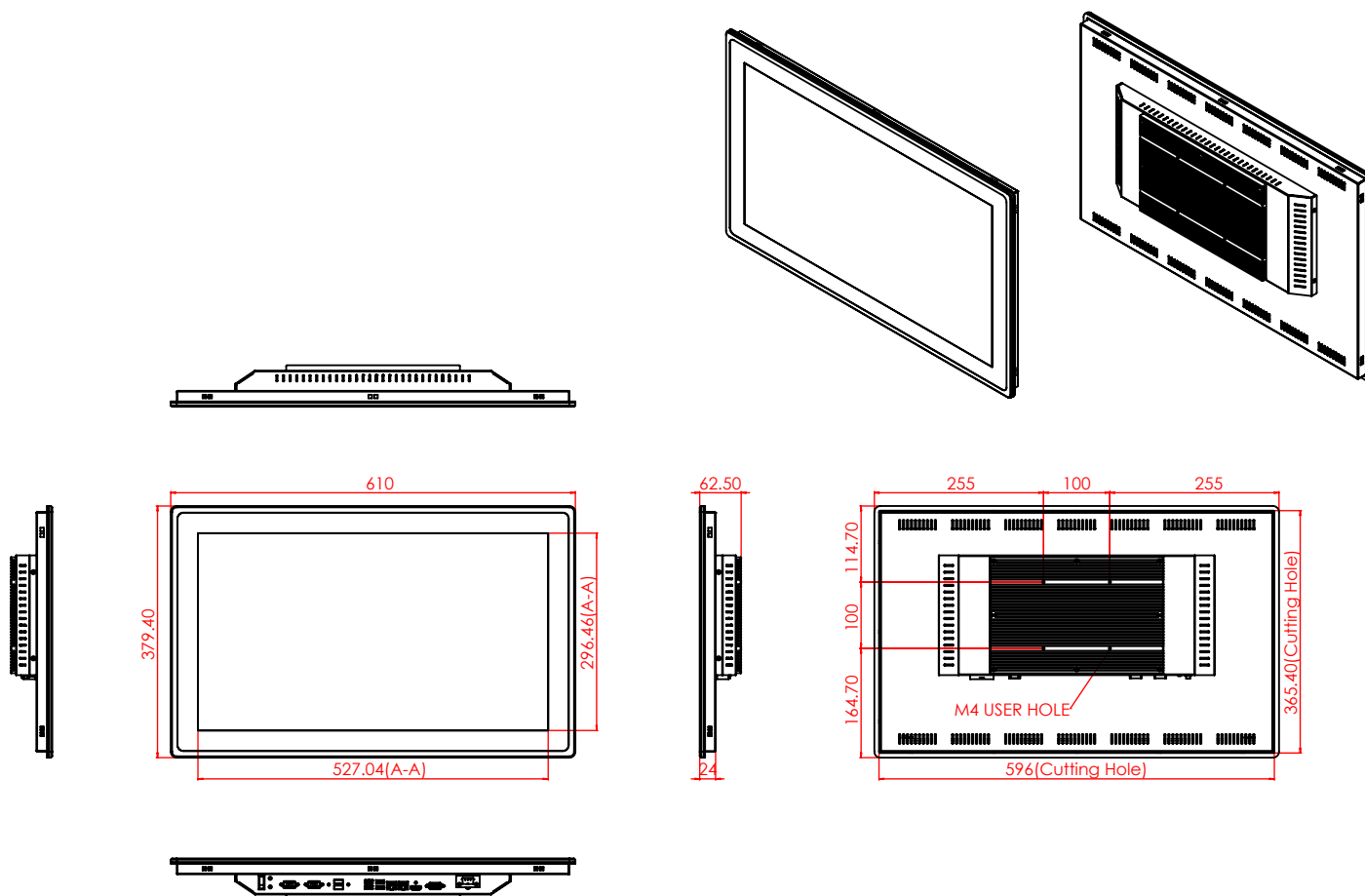
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Dimensions



Power

Power Input 11 ~ 24V DC (+- 12 %)

Mechanical

Front Bezel	Flat Bezel design
Front Bezel Metal	Aluminum
Rear Panel Metal	Metal / VESA 100
Dimensions (WxHxD)	610 x 379.4 x 62.5 mm
Cut Size (WxH)	596 x 365.4 mm
IP Rating	IP65 compliant front panel
Net Weight (Kgs)	12.5Kg

Environmental

Operating Temperature	-10 ~ 50°C (RAMs + SSD optional)
Storage Temperature	-20 ~ 60°C
Storage Humidity	10 to 90% @ 40°C, non-condensing
Certificate	Meet CE / FCC / CB / CCC

Operating System Support

Windows 7 64-bit, WES 7, Window 8, WES 8, Window 8.1, Win 10, Win 10 IoT, Linux