

## 15" IP65 Semi-Rugged Panel Computer with Intel® Celeron M Processor



RPP-150 Rugged Panel Computer is high performance Intel Celeron M platform. With a thermal design patent, it can reach truly 100% fanless. RPP-150 design with wide temperature operating capability, rugged enclosure without ventilation hole and MIL-STD-810G certified, can withstand harsh environments.

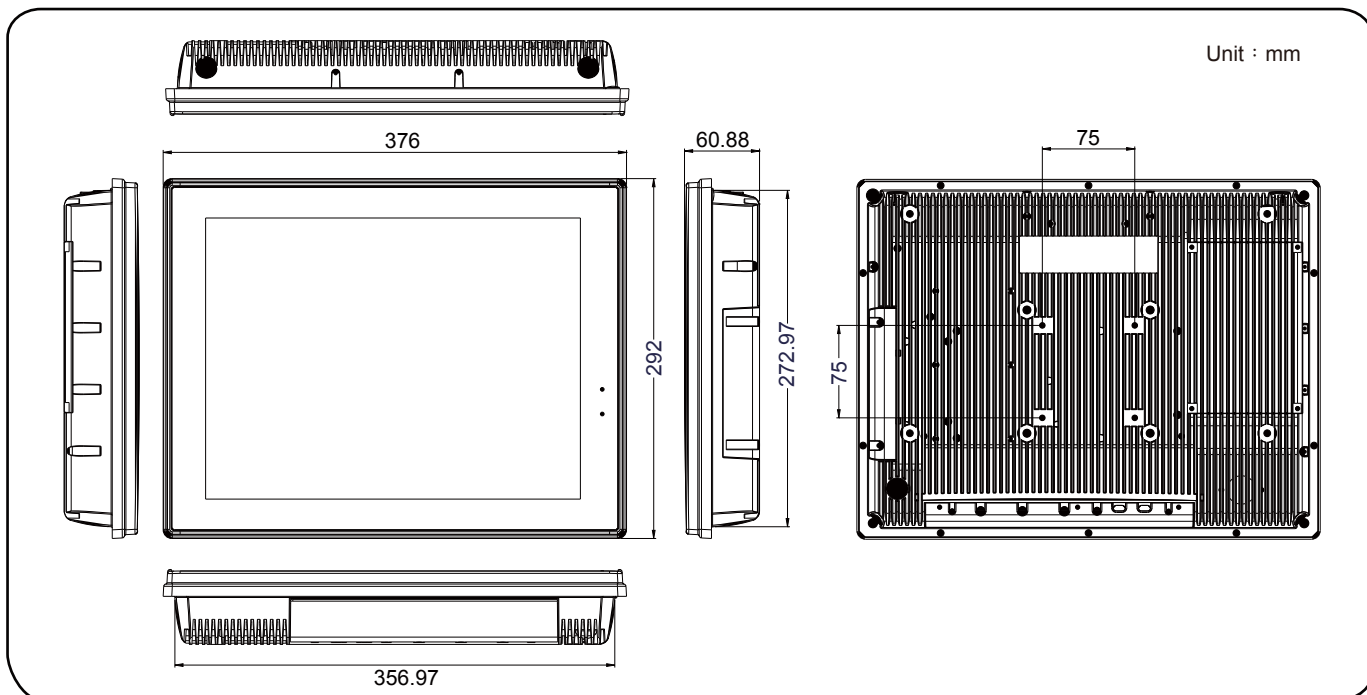
### Features

- Rugged aluminum enclosure and fanless design
- Cost-effective Solution, No ventilation hole
- IP65 (five sides) and MIL-STD-810G certified
- Wide temperature operating capability
- Anti-Vibration HDD design, easy access
- Outdoor viewable (optional)
- Stand/Cabinet/VESA (optional)

### Specifications

<b>System</b>	CPU	Intel® Celeron M 1G/512K
	Chipset	Intel® 910GML + ICH6M
	Memory	1 x 200 pin DDR2 400/533MHz SO-DIMM max. up to 2GB
	Ethernet	Intel 82562EZ 10/100 LAN
	Dimensions	376 (W) x 292(H) x 60.8 (D) mm
	Weight	6.5 kg
	OS Support	Windows XP Embedded, Linux (Fedora 2.6), WinCE 6.0
<b>Industrial Grade Display</b>	Display Type	15" TFT LCD
	Max Resolution	1024 x 768 pixels
	Colors	16.7M colors
	Luminance	300 cd/m <sup>2</sup>
<b>Touch Screen</b>	Contrast Ratio	800 : 1
	Viewing Angel(CR=10)	70° (left), 70° (right), 65° (up), 75° (down)
<b>I/O Interface</b>	Touch Screen Type	5-wire Analog resistive
	Serial	1 x RS-232, 1 x RS-232/422/485 (COM2)
	USB	3 x USB 2.0
	Audio	1 x AC97 codec with 2W amplifier
	VGA	1 x D-SUB15 VGA connector supporting up to 1600 x 1200
	Ethernet	1 x RJ45 connector for 10/100 base T Ethernet
	E-SATA	1 x E-SATA
	CF Card Socket	1 x CF type I/II (Internal)
<b>Power</b>	Mini PCIe Socket	1 x Full size (Internal)
	DC Input Voltage	Wide range 12-24V DC/DC input
<b>Environment</b>	AC/DC Adapter	Input : 110V~240VAC    Output : 19V@3.42A 65W
	Operating Temperature	0°C~45°C w/HDD    ,    -10°C~60°C w/wide temperature SSD & LCD
	Storage Temperature	-20°C~60°C w/HDD    ,    -30°C~80°C w/wide temperature SSD & LCD
	Humidity	5% ~ 95% RH, non-condensing
	Certifications	CE, FCC, VCCI
<b>MIL-STD-810G</b>	Protection Class	IP65 five sides
	Shock Method 516.6	Function shock : 40G's@11ms / Crash Shock : 75G's@8-13ms (Non-operating)
	Vibration Resistance	MIL-STD-810G, Method 514.6 (Operating)
	High Temperature	MIL-STD-810G, Method 501.5, Operating : 65°C    /    Storage : 80°C
	Low Temperature	MIL-STD-810G, Method 502.5, Operating : -15°C    /    Storage : -30°C

## Dimensions



## Options

Item	Description
Wireless	Expansion by Mini PCIe socket
Wall Mounting Kit	Wall mounting kit (VESA 75x75, 100x100)
DRAM	Memory module (2GB)
DRAM (WT)	Wide temperature memory module (1GB, 2GB)
SSD	Wide temperature SSD (16GB, 32GB)
HDD	Normal temperature HDD (160GB)
Outdoor Viewable	Optical bonding, LR resistive touch w/wide temperature LCD (450nits)
Win XP Embedded	Win XP embedded operation system
Wide Temp. LCD	Upgrade to Industrial TFT LCD w/450nits, -30°C~70°C (Operating temp. of TFT LCD)

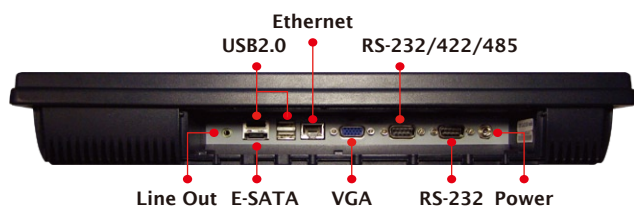
## Ordering Information

Part No.	Description
RPP-150-R00	15" IP65 Semi-Rugged Panel Computer with resistive touch 1GB RAM
25-07163-00	VESA stand for RPP series (75 x 75)

## Packing List

Description	Quantity
Adapter 19V 3.4A	1
Waterproof rubber	1
Utility CD	1
Quick Setup Guide	1
Fastener (Include screws)	4

## I/O Diagram



Easy access anti-vibration HDD



Fanless Design

