DPC-3120S

12.1", 5 Wire Resistive Touch,Intel BayTrail J1900,Ture-Flat Panel PC

Features

- 12.1" LED backlight LCD and Resistive touch panel
- Fanless design, Front Panel meet IP65
- Embedded Intel Celeron J1900(2.0GHz) processor
- 2 COM, 4 USB, 2 GbE, HD Audio, VGA, HDMI
- Panel and VESA mounting

-10~50℃   IP65   Touch   CE FC
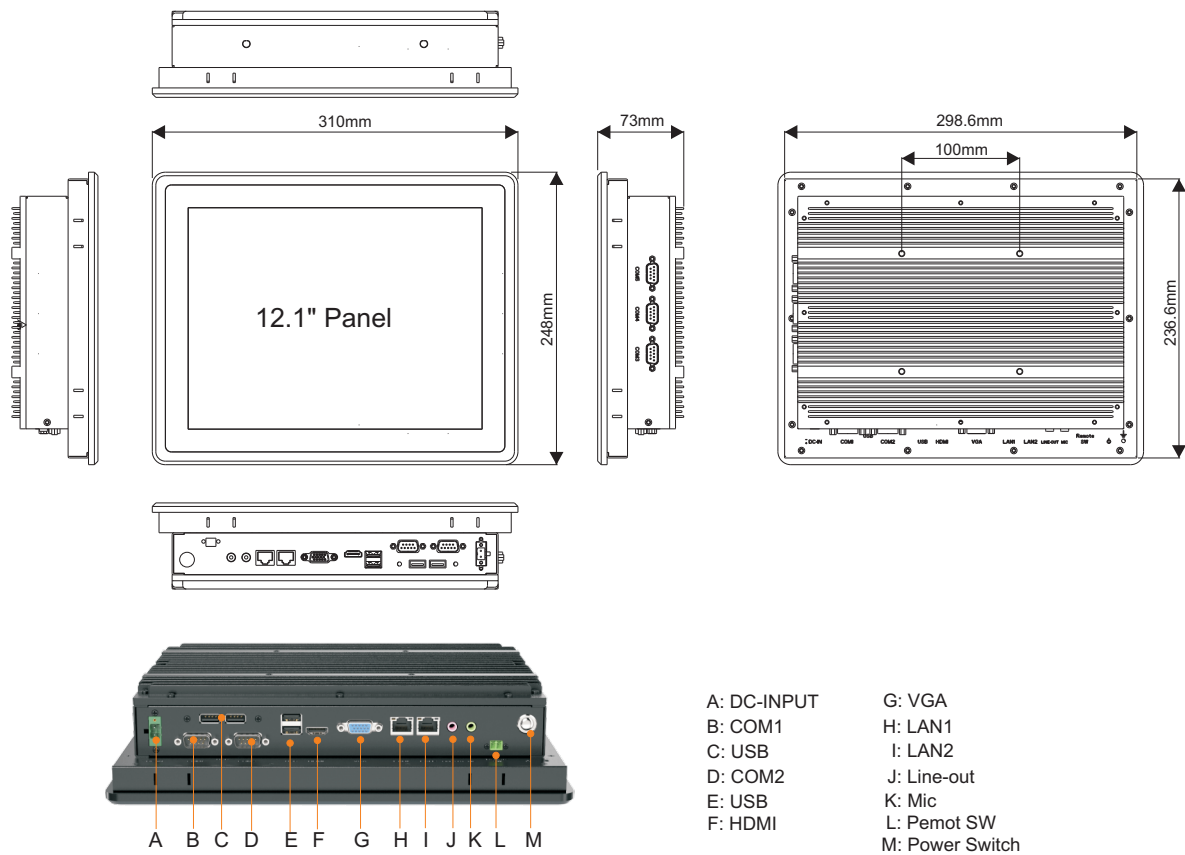
Introduction

Darveen DPC-3000S series of industrial-grade embedded touch pannel computer for the compact and rugged human-computer interaction platform, which uses ultra-thin, fanless and shockproof design. Can choose 4:3 and 16:9 multi-size range of projected touch screen to meet a variety of industrial automation applications. The DPC-3000S series features a low-power processor, by virtue of its stable system architecture, excels in industrial applications. In addition, the full range of products using aluminum alloy front panel and metal body material, with excellent cooling and anti-rust ability.

Specifications

System	
CPU	Intel® Quad-Core Celeron J1900 (2.0GHz)
Memory	4GB SO-DIMM DDR3L-1333/1600 (Up to 8GB)
Storage	1 x 2.5" Drive Bay for SATA HDD/SSD
	1 x Full-size Mini-PCIe for mSATA SSD"
Operating System	Windows 7/8.1/10

Display	
Display Type	12.1"TFT LED
Viewing Angle (H/V°)	80/80/80/80
Size	12.1-inch
Resolution	1024 x 768
Brightness	450 nits
Contrast Ratio	700:1
Backlight	LED
LED Lifetime	50000 hrs
VGA	Up to 2560 x 1600
HDMI	Up to 1920 x 1080
Multi-Display	Dual display (LVDS + VGA/HDMI)

Touchscreen	
Type	5-Wire Analog Resistive Touch
Transparency	80%
Hitting life	35 million times
Surface hardn	≥3H

I/O Connectors	
Series Port	2 x RS-232 (COM1/2)
USB Port	1 x USB3.0
	3 x USB2.0
LAN Port	2 x GbE LAN
Display Port	1 x HDMI,1 x VGA
Audio	1 x Line-out,1 x Mic

Others	
	1 x DC-IN (2-Pin Phoenix)
	1 x Remote switch connector
	1 x ATX Power Switch

Expansion	
Mini-PCIe	1 x Full-size Mini-PCIe for mSATA
	1 x Full-size Mini-PCIe

Power Management	
Power Input	DC 12V
Power Adapter	AC-DC, 12V@5A, 60W
Power Consumption	25W（Typ）

Environmental	
Operating Temperature	-10~50℃
Storage Temperature	-20~60℃
Relative Humidity	10%-90%,@ 40℃ (non-condensing)
Vibration protection	5~500Hz, 0.026 G²/Hz, 2.16 Grms, X, Y, Z, 1 hour pera xis
Certifications	CE, FCC

Mechanical	
Housing	Aluminum alloy panel, all-metal structure
Mounting	Panel-mount, VESA-mount
Dimension (W x L x H)	310 x 248 x 73 mm
Weight	4.2Kg

Packing List	
	1 x DPC-3120S
	1 x AC-DC Power Adapter
	1 x Certificate
	1 x Warranty Card
	8 x Panel Mounting Buckles

Dimensions

A: DC-INPUT	G: VGA
B: COM1	H: LAN1
C: USB	I: LAN2
D: COM2	J: Line-out
E: USB	K: Mic
F: HDMI	L: Pemot SW
	M: Power Switch

Ordering Information

Model	
DPC-3120S	12.1" Intel® Quad-Core Celeron J1900 (2.0GHz)
DPC-3150S	15" Intel® Quad-Core Celeron J1900 (2.0GHz)

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