

# ASLAN-18

## Fanless 18.5" Wide-Screen Industrial Panel PC with Intel® Celeron® Processor J1900



### Features

- 18.5" 1366 x 768 WXGA LCD Display w/ LED Backlight
- Flat panel with projected capacitive touchscreen
- Front panel compliant with IP65
- Anti-scratch surface: 7H hardness
- Vertical I/O Design
- Easy Maintenance Design for CFast/HDD/SSD
- Serial Ports (RS-232/485), w/ Auto-flow Control
- Mini PCIe expansion slot support
- Fanless cooling system
- Cable-less Design
- Low power consumption
- 2 x SMA Antenna Holes for optional WiFi Function
- 9~36V Wide-Range DC Input

### System

CPU	Intel® Celeron® Processor J1900 2.0GHz
Memory	4GB DDR3L SO-DIMM RAM module installed 1 x DDR3L SO-DIMM Socket, supporting 1066/1333 MHz SDRAM up to 8GB
LAN	2 x Intel® I210AT GbE controllers 1 x Intel® I210IT GbE controller
Watchdog Timer	1~255 levels reset

### Storage

Device	2 x outside-accessible 2.5" drive bay (default), or CFast slot (optional for OEM version)
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### Audio

Speaker	2 x 2W speakers (optional)
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### LCD Display

Size/Type	18.5" TFT LCD Panel
Max. Resolution	1366 x 768, WXGA
Max. Colors	16.2M
Luminance	300 cd/m <sup>2</sup>
Touch Screen	Projected capacitive touch panel
View Angle (U/D/R/L)	80°/80°/85°/85°

### Power System

Power Input	DC 9~36V
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### Certification

EMC / EMI	CE, FCC Class A
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### Expansion

Expansion Bus	1 x Mini-card socket (Full Size)
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### External I/O

Serial Ports	2 x RS232 & 2 x RS-232/485 w/ auto flow control
USB Ports	1 x Type-A USB 3.0 ports 3 x Type-A USB 2.0 port
LAN	3 x RJ-45 GbE ports
DVI	1 x DVI-I connector
WiFi	2 x SMA antenna holes for optional WiFi function

### Mechanical

Mounting Type	Panel Mounting and VESA-100 Mounting
Chassis	Panel-mounting chassis, aluminum front bezel and SECC steel chassis
Dimension (W x H x D)	470.00 x 295.00 x 49.20 mm (18.5" x 11.6" x 1.93")
Weight (Net)	5.7 kg (12.5 lb)

### Environmental

Operating Temp.	-20°C ~ 55°C (-4°F ~ 140°F)
Storage Temp.	-30°C ~ 70°C (-22°F ~ 158°F)
Operating Humidity	10 ~ 95% RH @ 60°C (non-condensing)
Vibration	5 ~ 500Hz, 2Grms Random (with CFast/SSD)
Shock	Operating 10G, 11ms Non-operating 30G, 11ms (with CFast/SSD)

### OS Support

W7 Pro / WS7E / W8.1 Industry / Linux: Ubuntu

### Ordering Information

ASLAN -W719C-1900G4	18.5" Intel® Celeron® Processor J1900 Wide-screen industrial panel PC with 4GB Memory
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