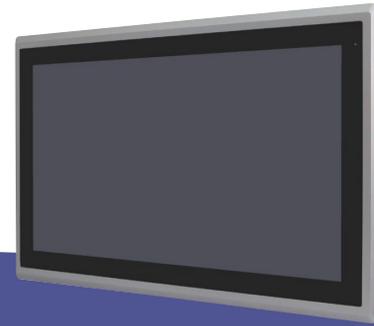


Nematron® ePC215WMT



21.5" Widescreen, Low-Cost, Fanless,
Panel Mount Industrial Computer

DS ePC215WMT ePC II, Rev C
08/07/17

ePC215WMT Overview

The Nematron ePC215WMT is a high performance, fanless, panel mount computer specifically designed to be installed as an automation control interface. The ePC215WMT is widely used in many vertical manufacturing industries and by industrial OEMs.

Why Nematron?

- Internationally certified
- Unprecedented uptime
- Best in class lead times to meet your schedules and deadlines
- Long product lifecycles that help reduce your cost of ownership

Target Industries

- Automotive
- Food & beverage
- Packaging
- Power generation

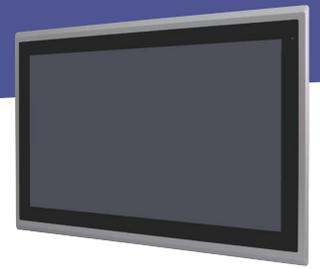
Rugged, Superior Quality

- All aluminum construction
- Widescreen, multi-touch
- Solid state drives - no moving parts
- Intel® high performance processor

Safety-Tested Reliability

- UL/cUL 60950 approved
- CE & FCC approved
- Temperature and humidity tested to 50°C
- IP65 front panel
- 2-year warranty





Nematron® ePC215WMT

PHYSICAL SPECIFICATIONS

Dimensions (inch/mm)	21.92"W x 14.25"H x 2.55"D 557mm x 362mm x 64.8mm
Cutout (inch/mm)	21.22" x 13.54" / 539mm x 344mm
Weight	17.2 lbs. (7.8kg)

DISPLAY SPECIFICATIONS

LCD Size	21.5"
Resolution	1920 x 1080 Widescreen
Display Colors	16.7M
Brightness	250 cd/m ² (NIT) Standard
Viewing Angle	±178° Horizontal / ±178° Vertical
Touchscreen	Projected Capacitive Multi-Touch
Contrast ratio	3000:1 (Typical)
Backlight Life	50,000 Hours

PROCESSOR

Type & Processor	Intel® Quad Core Celeron N2930
Core Speed	Up to 2.16 GHz
L2 Cache	2MB
Chipset	Intel Bay Trail-M

POWER

AC Power Supply	External AC-to-DC Adapter (Universal AC Input - ships with unit)
DC Input Power *	9-36 VDC, 4.5A-1.5A (Must be Powered by a Listed ITE LPS Power Source)

* If the customer chooses to use DC power input and not the supplied AC power adapter, the customer must provide their own DC power according to the specification above.

STORAGE & PERIPHERALS

Operating System	Windows® 7 Professional (32-bit); Windows 7 Ultimate (64-bit), Windows 10 IoT Enterprise (32-bit or 64-bit) (optional)
DRAM	4GB (On-board DDR3L 1333MHz)
Standard Storage	150GB Solid State Drive; 240GB or 480GB Solid State, 1TB SATA Hybrid Hard Drive (optional)
Available I/O	(1) HDMI Port, (2) USB 2.0, (2) USB 3.0, (2) RS-232, (1) RS-232/422/485, (2) Gigabit Ethernet 10/100/1000, (1) Audio Out

ENCLOSURE

Material	Die Cast Aluminum Enclosure, IP65 Compliant Aluminum Front Panel (when installed in an appropriate enclosure)
Mounting	Panel, VESA 100 x 100

COMPLIANCE

Compliance	CE, FCC Class A
Safety Agency	UL/cUL 60950 (ordinary locations) Indoor Use only

ENVIRONMENTAL

Operating Temperature	-0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Humidity	10%~90% (Non-Condensing)

PART NUMBER CONFIGURATOR

ePC215WMT-N2930-4GB

Display Size:

215WMT 21.5" Widescreen Multi-Touch

Processor:

-N2930 Intel Celeron N2930 Processor (Fanless)

DRAM:

-4GB 4GB DRAM

Internal Storage: ¹

- 150SS** 150 GB internal Solid State Drive
- 240SS** 240 GB internal Solid State Drive
- 480SS** 480 GB internal Solid State Drive
- HD** 1TB (minimum) SATA Hybrid Hard Drive ²

Operating System:

- W7** Windows 7 Professional (32-bit)
- W7U** Windows 7 Ultimate (64-bit)
- W1032** Windows 10 IoT Enterprise (32-bit) ³
- W1064** Windows 10 IoT Enterprise (64-bit) ³

¹ Internal Solid State Drives installed in the ePC II Series only fall under the system warranty and do not carry any extra "part" warranty.

² Hybrid Hard Drives have a solid state adaptive memory cache to significantly increase read/write performance. These are rotating hard drives and do not carry any extra part warranty.

³ Windows 10 IoT Enterprise is the OEM equivalent to Windows 10 Professional.

