COMARK
smarter automation

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For more information or to request a quote,
visit us online at www.comarkcorp.com

ThinManager-Ready Nematron® ePC15T
15.0" Lite Series ThinClient Hardware

ThinManager-Ready Thin Client

Intel® Processing

LED Backlit Display

Analog Resistive Touchscreen

4GB DRAM

NEMA 4/4X/12, IP66

Optional NEMA1 Rear Enclosure

Nematron
by COMARK

DS ePC15T-TMR, Rev B

THINMANAGER

intel | UL | cUL | CE

Made in USA

Standard Configuration

- ThinManager-Ready
- Nematron brand 15.0" XGA Color TFT LED-backlit Display
- High Performance/Very Low Power Fanless Processor
  - Intel® Quad Core Celeron N2930 *(1.83 GHz (bursts to 2.16 GHz), 2 MB Cache, 4 Cores, 4 Threads)*
- 4 GB DRAM
- 5-wire Analog Resistive Touchscreen
- I/O Connectivity
  - One 10/100/1000 Ethernet port
  - Two USB 2.0 ports

- Two USB 3.0 Ports
- One RS-232 serial port
- Audio in/out
- Additional Analog and HDMI ports *(supports dual video modes with integrated LCD)*
- NEMA 4/4x/12 powder coated aluminum front panel *(optional no logo front panel)*
- Optional NEMA1 powder coated rear enclosure *(vented, not water or dust proof)*
- Ultra-Thin panel mounting depth of 2.4"

- External 100-240 VAC power supply included
  - Regulated 12 VDC, 3.75 A Max output *(can also be powered by other Listed ITE power supplies or Class 2 power sources)*
- 0° to 50°C operational temperature rating
- UL and cUL Ordinary Locations Listed
- FCC & CE compliant
- 2-year Warranty

NOTE: The ThinManager-Ready configurations do not contain storage or operating system. They are configured for booting to a network via ThinManager protocol only. These are NOT standalone PCs. These products have been verified to be ThinManager LXi and ThinManager -Ready compatible. Comark does not supply ThinManager. For application support, please contact ThinManager directly at www.thinmanager.com.

ePC15T-TMR

Physical

Overall Dimensions	12.80" x 15.80" x 2.65" (325.1mm x 401.3mm x 67.3mm)
Panel Mounting Depth	2.4" (61.0mm)
Cutout Dimensions	12.00" x 15.00" (305.0mm x 381.0mm)
Weight	14.0 lbs (6.35kg)
Shipping Weight	19.0 lbs (8.62kg)

Display

Display Diagonal	15.0" (381.0mm)
Display Size H x V	11.97" x 8.98" (304.0mm x 228.1mm)
Native Resolution	XGA, 1024 x 768
Brightness	400 nit
Contrast Ratio	600:1
Horz/Vert Viewing Angle	140°/120°
Backlight Life / Typical	50,000 hrs
Touchscreen	5-wire Analog Resistive

Processor

Type & Processor	**Celeron N2930** Intel Quad Core Celeron N2930 (fanless)
Core Speed	1.83 GHz (with bursts up to 2.16 GHz)
Threads / Bus/Core	4 / 4
L2 Cache	2MB
Chipset	Intel Bay Trail-M
Video RAM	Intel Gen7 Graphics DX 11, OGL3.2
Ethernet Controller	Realtek Gigabit 10/100/1000 (1 port)

Storage & Peripherals

DRAM	4GB Single Module (204-pin DDR3 SO-DIMM, non-ECC, unbuffered, 1066 MHz)
Available I/O	(1) HDMI Port, (2) USB 2.0, (2) USB 3.0, (1) RS-232, (1) Analog Video Port (supports dual video), (1) Ethernet 10/100/1000 Port, (2) Audio In/Out Ports

Power

Input Power	30W
AC Power Supply	100-240 VAC, 47-63 Hz, 1.1 A Maximum
DC Input Max Current	12 VDC, Regulated ± 5%, 3.75 A Maximum [1]

[1] Output of included AC power supply. Can also be powered by other Listed ITE power supply or Class 2 Power sources.

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Technical Specifications

Environmental

Temperature [2]	**Operating** 0°C to 50°C	**Non-operating** -20°C to 60°C
Humidity	20% to 80% RH, noncondensing	20% to 80% RH, noncondensing
Shock [3]	15g peak acceleration, 11msec	30g peak acceleration, 11msec
Vibration (5-2000 Hz) [3]	.006" peak to peak displacement, 1.0g maximum acceleration	.015" peak to peak displacement, 2.5g maximum acceleration
Altitude [4]	Sea level to 10,000 feet	Sea level to 40,000 feet

[2] Temperature specifications are for air temp surrounding the unit (i.e. inside any enclosure being utilized).
[3] Shock & Vibration specifications established with Solid State drives and no rotating media.
[4] Altitude specification is established by using all internal component specifications.

Compliance

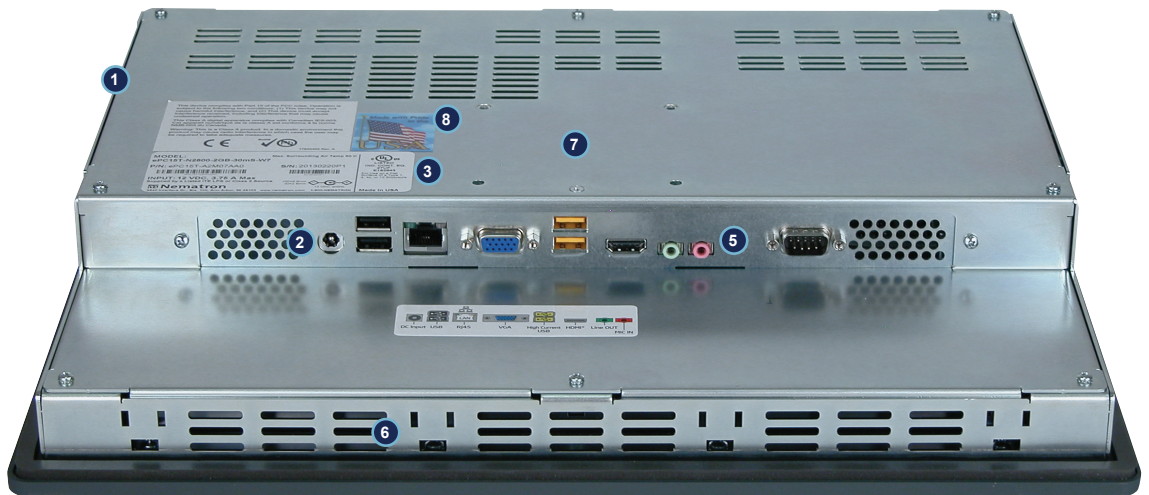| NEMA Rating	NEMA 4/4X/12, IP66 (panerl mounted version only)
Enclosure Rating [5]	NEMA 1 (vented, not dust or water proof, for stand-alone VESA mounting)
FCC	47 CFR, Part 15, Class A
EU CE Marking	CE, EN 55022: Class A, EN 61000-3-3, EN 61000-6-2, IEC 60950-1
Agency Approvals *	UL508 Listed, cUL Listed CSA C22.2, #142

[5] NEMA 1 only, not recommended for environments with high levels of moisture and/or particulate matter.

Front Panel

Front Panel Options	Powder-Coated Aluminum Front Panel; with No Logo

Features

1. 5-wire Analog Resistive Touchscreen
2. Power Input: 12VDC input supplied by Listed ITE power supply or Class 2 source
3. UL 508/cUL Ordinary Locations only, CE Approval Label
4. Optional NEMA 1 Powder Coated Rear Enclosure
5. I/O Connectivity
6. Panel Mounting via Clips
7. VESA Mounting ePC15T - 75mm
8. Made with Pride in the USA

Optional NEMA 1 Powder Coated Rear Enclosure
- Vented, Not Water or Dust Proof
- Shown with optional mounting arm (sold separately)

2 YR. WARRANTY

Standard 2-year warranty
- Covers parts and service

Base unit configuration: ePC15T-N2930-4GB-TMR, includes a ThinManager-Ready Nematron 15" XGA TFT display with touchscreen, fanless Intel Quad Core Celeron N2930, 4 GB DRAM, and External AC Power Supply.

*e*PC15T-N2930-4GB ___ ___ -TMR

ePC15T-TMR

Display Size:

| 15T | 15.0" XGA LCD |

Processor:

| -N2930 | Intel Quad Core Celeron N2930 (fanless) |

DRAM:

| -4GB | 4 GB DRAM |

Front Panel:

| blank | Powder Coated Aluminum |
| -NL | Powder Coated Aluminum w/o Logo |

Enclosure: [1]

| blank | Panel Mount front panel w/o rear enclosure |
| -EN | Vented rear enclosure for stand-alone VESA mounting |

[1] NEMA 1 only, not recommended for environments with high levels of moisture and/or particulate matter.

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