

## Rugged Mobility

# PatrolData 12

COMARK Patrol Data Brand Rugged Mobile Data Terminals (MDT's) are designed specifically for today's modern patrol vehicle. COMARK's MDT's are designed to maintain peak performance levels in the harshest of in-vehicle environments.

Comarks MDT is an ergonomic solution for in-car computing allowing the patrol vehicle to become a mobile office..



### Key Features

- Intel i7 processor
- 12" Sunlight readable display
- Fan less Operation
- Backlit Spill Proof Keyboard optional
- Optional License Reader
- Optional Finger Print Scanner
- Optional Cellular capability
- Front/Rear Camera Optional

Comark is a leading provider of highly reliable, ruggedized computer and display solutions for mission critical applications around the world

COMARK products are assembled in Milford, Massachusetts in our 60,000 square foot ISO 9001 and ITAR Certified facility. Every aspect of our manufacturing process is carefully planned and then executed with precision.



mobile payment

wireless

dust

water

drop

vibration

PD12 – Rev G –03/23/2020

# Technical Specifications

Physical	
Overall Dimensions	12" x 10" x 1.5"
Mounting Features	Universal VESA – 2"x4" pattern
Weight	6.0 lbs.
Shipping Weight	10.0 lbs.
Processor	
Type & Processor	Intel i7-6822EQ
Core Speed	2.0GHz
Core / Virtual	4 / 8
Smartcache	8MB
Chipset	Intel QM170 series
Video RAM	64 MB System RAM Base
Ethernet Controller	Intel 210 series (2 ports) <sup>1</sup>
Storage & Peripherals	
Operating System	Windows 10 Enterprise IoT 64-bit, Windows 7 available upon request or No OS installed
DRAM	16GB Single Module (204-pin DDR3 SO-DIMM, non-ECC, unbuffered, 1066 MHz); Optional 32GB
Standard Storage	256GB SATA Solid State Drive; other options available, consult factory
Standard I/O	(1) Micro-HDMI, (3) USB 2.0, (4) USB 3.0, (3) Ethernet 10/100/1000Ports, Volume Up/Down, LCD brightness Up/Dow
Power	
Input Power	DC, 7.5 - 30V, 66W max 5.5A (external AC/DC adapter not included)
Environmental	
Temperature <sup>1</sup>	<b>Operating</b> 0°C to 40°C * <span style="float: right;">-20°C to 70°C</span>
Humidity	20% to 80% RH, noncondensing <span style="float: right;">20% to 80% RH, noncondensing</span>
Shock <sup>2</sup>	10g peak acceleration, 11msec <span style="float: right;">30g peak acceleration, 11msec</span>
Vibration (50-500 Hz) <sup>2</sup>	.006" peak to peak displacement, 1.0g maximum acceleration <span style="float: right;">.015" peak to peak displacement, 2.5g maximum acceleration</span>
Altitude <sup>3</sup>	Sea level to 10,000 feet <span style="float: right;">Sea level to 40,000 feet</span>
<sup>1</sup> Temperature specifications are for air temps surrounding the unit (i.e. inside any enclosure being utilized). Meets US Federal Requirements specified in 46 CFR 111.01-15(d) for offshore electrical systems. <sup>2</sup> Shock & Vibration specifications established with Solid State drives and no rotating media. <sup>3</sup> Altitude specification is established by using all internal component specifications.	
Compliance	
FCC	Pending final approval, please contact factory for clarification
EU CE Marking	Pending final approval, please contact factory for clarification

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