

## MOBILE COMPUTERS

# COMARK-8 Rugged Mobile Tablet

Intel® 1.86GHz Quad Core • 8" indoor/outdoor LCD •  
barcode scanner • color camera • MSR • RFID • POS •  
GPS • Wi-Fi • 3G • Bluetooth®

Designed on the same platform as it's big brother the COMARK-10. The COMARK-8 is powered by an Intel Quad Core Processor featuring up to 8GB of memory and optional 256GB available storage. The 8" industrial cover lens is tested to take a 1/4 lb. ball bearing drop at 5.75 ft. directly to the screen. Viewable indoors or outdoors and in direct sunlight the PCAP touchscreen offers a polarized, anti-glare, anti-finger print screen surface. With its ergonomic design and impact resistant case the COMARK 8 embodies a mobile computer as tough as the people that use them.



### Key Features

- Choice of Operating Systems, including: Windows® 7 32/64bit, Windows® 10 64bit, Android 6/8, Linux Ubuntu 14.04
- 1D/2D Standard and Long-Range Barcode Scanners
- 8MP CMOS Camera with Flash
- Supports following Payment Module Solutions: EMV L1/L2 Certified, Pinpad, MSR, NFC L1/L2 Certified, 1D/2D Imager
- Multiple radio communication; including an Intel a/b/g/n (a/c) module, cellular independence supporting AT&T, and T-Mobile, Bluetooth 4.0 and standalone GPS

Blurring the industrial-consumer divide, the COMARK-8 not only survives the demands of a harsh industrial environment, but pleases the eyes of the discerning user with its sleek design. Built on common PC architecture, the COMARK-8 rugged tablet allows operating system independence through the full suite of Windows products as well as Android and Linux. The COMARK-8 rugged tablet delivers the flexibility, reliability and return on investment that today's mobile workforce demand.



## Technical Specifications

Physical	
Dimensions	H: 7.08" (180mm), W: 9.05" (230mm), D: 0.7" (18mm)
Weight	2lbs 4oz (with battery pack); 2lbs 8 oz (with battery pack & payment module)
Warranty	Standard 1-year manufacturer's warranty; available 1 or 3 year No-Fault Service Coverage (optional)
GPS	Ublox 7 chipset with internal active patch antenna (optional)
Camera	(1) forward facing 2MP, (1) rear facing 8MP with flash
WiFi	Intel 8265 a/b/g/n (a/c) module
WWAN	4G PRS/CDMA Cellular Card (optional); available cellular carriers: AT&T®, T Mobile®
Bluetooth	Intel 8265, BT4.2 LE – Smart Ready
Voice	Integrated microphone, integrated 3.5mm mic/headset jack
Ambient Light Sensor	Integrated control via EC & OS
Power	Removable battery pack: 3950mAh lithium ion battery (*6hrs of usage @ level 7 brightness) *Wifi, Bluetooth enabled Integrated bridge battery for hot swapping of main battery (1min)
AC adapter	19V DC 40 watt 110/220V AC 50/60 Hz input
System	
Casing	Impact-resistant double injection, ABS+PC polymer with rubber, IP54 rated, multiple 4ft drops to bare concrete
Processor	Intel® N2930 1.8GHz Quad Core
Chipset	Intel® SOC (system on chip)
Display	8.0" (1024×768), 4:3, Contrast Ratio: 800:1; 400NIT LED Backlit indoor/outdoor readable
Touchscreen	Projective capacitive, supports stylus
Video	HDMI 1.4a, HDCP 1.4
Audio	Realtec HD audio codec (Model#ALC269); 2 x 2W integrated speaker
Memory	4GB or 8GB DDR3L 1066MHz on board RAM
Storage	Micro SATA SSD 64GB (Standard) 128GB, 256GB (optional)
Operating System	Windows® 7 32/64bit, Windows® 10 64Bbit, Android 6/8 Linux Ubuntu 14.04
Ports	(1) 3.0 USB, (1) HDMI, (1) I/O Pass-through to Cradle, (2) RF Pass-through
Barcode Scanner	1D/2D Imager, 1D Standard Laser, 1D Advanced Long Ranger Laser (optional)
Payment Module	EMV L1/L2 Certified, Pinpad, MSR, NFC L1/L2 Certified, 1D/2D Imager (optional)
Keys	(4) programmable keys, (1) power on/off key, (2) camera/barcode scanner keys (L & R side)
Security	Intel® TPM1.2 Security module
Environmental	
Temperature	Operating: +14°F to +122°F (-10°C to +50°C), storage: -4°F to +149°F (-20°C to +65°C)
Impact	Multiple 4ft drops to bare concrete
Vibration	5–500Hz 1G PTP
Shock	Operating: 30G (11ms), non-operating: 40G (11ms), crash: 50G (11ms)
EMI/EMC	FCC class B, CE
Water/Dust	IP54; dust: protected against dust, limited ingress; water: protected against sprays from all directions, limited ingress
Accessories	
Desktop Cradle	Port replicator, (4) USB, (1) Ethernet 10/100, (1) RS232, (1) VGA
Vehicle Cradle	(2) 2.0 USB (3 Optional), (1) Ethernet 10/100 LAN (optional), (1) RS232, (1) keyed security lock, power filtering DC converter: 10V-24V or 36-48v input (requires surge suppressor for 36V-48V systems)
7-Bay Cradle	Integrated 10/100 network switch w/ device charging
Single Bay Battery Charger	Charges one additional external battery pack or extends battery life to the unit when attached to the cradle

Looking for different specifications to meet your application needs?  
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