COMARK

COMARK-10 Rugged Mobile Tablet

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

Designed on the same platform as it's little brother the COMARK-8. The COMARK-10 is powered by an Intel Quad Core Processor featuring up to 8GB of memory and optional 256GB available storage. With its ergonomic design and impact resistant case the COMARK 10 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 Advanced Long Range Barcode Scanners

- 8MP CMOS Camera with Flash

- Supports Available Payment Module Solutions including: 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

Equipped with an industrial cover lens the COMARK-10 is tested to take a 1/4 lb. ball bearing drop at 5.75ft directly to the screen. In addition to an anti-glare, anti-fingerprint, and polarized PCAP touchscreen the LCD is viewable indoors or outdoors while in direct sunlight. An impact resistant housing is sure to withstand multiple 4ft drops to concrete and is IP54 protected against water and dust. The COMARK-10 provides the flexibility and reliability wherever your mobile applications take you.

mobile payment • wireless • dust • water • drop • vibration

Trust built in.

Technical Specifications

Physical

Dimensions	H: 8.11" (206mm), W: 10.5" (267mm), D: 0.84" (21.5mm)
Weight	2lb 9oz (with battery pack); 3lb 1oz (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	9.7" (1024×768) 4:3, Contrast Ratio: 900:1; 350NIT 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 input 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?
We are specialists in custom engineered solutions.
Contact us to learn more.

COMARK 10, Rev D, 09/19/19