

M3 TN15

We understand your field workforce needs a stable and reliable mobile computer for enterprises that require anywhere, anytime, real-time connectivity to business-critical applications and data capture capabilities to maximize efficiency and serve customers more effectively.

The TN15 is the most Advanced enterprise-ready 4G/LTE(Data communication only) mobile computer with highest **CPU(2.0GHz Octa Core)** in the world. Supporting Android operating systems, the TN15 mobile computer targets highly mobile frontline employees in scan-intensive workflows such as on-demand sales force automation, field service and customer engagement who require a truly mobile office with the modern conveniences of an all-touch smartphone and the highest degree of future-proofing to speed business agility and lower total cost of ownership. High end mobile applications can be guaranteed to work well on the TN15 without barriers. The TN15 mobile computer is designed to support the most advanced connected mobile user experiences, facilitating large file transfers, video streaming and remote access to business applications quickly, so workers can more effectively manage a wide variety of tasks throughout the sales cycle.

Additionally, the TN15 mobile computer offers enough battery life to last a full shift and beyond, keeping mobile workers always connected to crucial information to place orders, check stock, look up order status or scan items as they are removed for delivery. The battery hot-swap function saves time and avoids rebooting when changing a battery in the field.

The TN15 mobile computer offers crystal 5.0 Inch Corning® Gorilla® III Glass sunlight-readable display with multiple input modes to save valuable time and minimize data entry errors. Glove and wet touch is a basic function for outdoor.

Extremely CPU Performance with Android™

An industry-leading Qualcomm® Snapdragon™ 625 processor with 2.0GHz Octa-core CPU enables more robust application performance at better speeds and power efficiencies with enough memory capacity.



The most advanced enterprise-ready mobile computer.

The TN15 mobile computer delivers real-time connectivity and best-in-class data capture capabilities.

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Processor: 2.0 GHz Qualcomm Snapdragon 626 Octa-core (Cortex A-53) and 650MHz GPU	CPU	2.0 GHz Octa-core processor (Qualcomm MSM8953 Cortex-A53) Release : 2016/4Q FAB : 14 nm LPP ISA : ARM v8 (64bit) Adreno 506 , 650MHz Android 7.1
Operating System: Android 7.1(8.X is Scheduled)	Performance	2G LPDDR3 933Mhz 16G eMMC
Memory: 2GB RAM, 16GB Flash	WWAN	GPRS : Class 12, (DL)85.6/(UL)85.6 kbps EDGE : Class 12, 236.8 / 236.8kbps HSPA+ : (DL) 42 / (UL) 11.2 Mbps FDD-LTE : Cat4 150 / 50 Mbps
Up to 128GB of extended Micro SD slot	(Data Only)	GSM(850/900/1800MHz) : B3, B5, B8 WCDMA(850/900/2100MHz) : B1, B5, B8 FDD-LTE(850/900/1800/2100/2600MHz) : B1, B3, B5, B7, B8
Display: 5.0 inch in HD(High Definition : 1280 x 720)	Frequency	IEEE 802.11 a/b/g/n/ac 2.4G&5GHz 1D laser(SE 965)
Bright color LCD with backlight, outdoor viewable	WLAN	2D Imager (SE 4710/N6600) 13 M(Rear)
Battery: TN15 have extended batteries(6,150mA) &	Scanner	4K 30fps, 1080p 60fps, H.264/H.265 MP4/ WMV9/ VC1/ DivX/ VP8/ VP9
Hot swap function allowing the user can replace battery in the field without system reboot.	2D	LED Flash Gyro, Ambient light, Accelerometer, Magnetic
TN15 can do standby + 200 hours	Camera	Earphone(3.5mm), Speaker(1W), Receiver, Mic A-GPS, GLONASS, Beidou
with extended battery without recharging.	Pixels	Bluetooth Class II 4.1 LE NFC(13.56MHz)
Touch Panel: Rugged multi-touch capacitive touch panel, optically bonded for extra durability and better sunlight viewability.	Flash	Peer-to-peer, card reader, card emulation ISO 14443 A/B, ISO 15693
Automatic detection and configuration utilizing mutual, self-capacitance modes for water rejection,	Sensor	5.0" HD IPS (1280 x 720) Capacitive touch, Glove/Wet/Pen Volume +/- key, Camera key, Power Key, Scanner 2key, 4 Bottom Key
use with many off-the-shelf gloves.	Audio	Li-ion 3.8V 4,100mA (Fast Charging)
Keypad: Four Physical keypad,	GPS	Li-ion 3.8V 6,150mA (Fast Charging)
dual-action side scan triggers,	Bluetooth	Micro USB via Snap on Micro SD(up to 128GB) (SDXC/SDHC/SDIO)
Volume up/down, Camera, Power button	Frequency	Dual SIM(2SIM, 1SAM)
Audio: Speaker, TRRS earphone and microphone support, PTT support and Bluetooth® wireless headset support.	RFID	-20℃ to 60℃ (-4°F to 140°F) -30℃ to 80℃ (-30°F to 176°F)
Camera: 13.0-megapixel color rear camera with autofocus, advanced software features for better image quality	Type	0% to 95% non-condensing 1.2M / 1.8M_(with Boots)
	Display	0.5M/1000Cycle, 1M/500Cycle_(with Boots)
for more information	Size	4Gs Peak Sine(5Hz to 2KHz); 0.04g^2/Hz Random(20Hz to 2kHz); 1 hour duration per axis, 3axis
www.m3mobile.net / www.m3mobile.co.kr	Touch Panel	-40℃ to 85℃ (-40°F to 185°F) rapid transition
sales@m3mobile.co.kr	Keypad	IP65 and IP67 per applicable IEC sealing specification
	Battery	±15 kV air Discharge and ±8 kV Direct Discharge
	Standard	154.8 L x 76.4 W x 21.6 H 280g
	Extended	
	Interface	
	USB	
	Extended Slot	
	SIM/SAM	
	Operating	
	Temperature	
	Storage	
	Humidity	
	Drop	
	Tumble	
	Vibration	
	Thermal Shock	
	Sealing	
	ESD Test	
	Dimension	
	Weight	
	User Environment	
	Physical	

Various available accessories of SM10_LTE & TN15

Items	Description	SKU
Battery Door	Battery Door for SM10 when using Extended Battery (SM10-BATT-X61; sold separately)	SM10-BTDO-E00
	NFC Battery Door for SM10 when using Extended Battery (SM10-BATT-X61; sold separately)	SM10-BTDO-EHF
	Battery Door for SM10 when using Standard Battery (SM10-BATT-T41; sold separately)	SM10-BTDO-S00
	NFC Battery Door for SM10 when using Standard Battery (SM10-BATT-T41; sold separately)	SM10-BTDO-SHF
Battery	SM10 Extended Capacity Spare Battery 6,150mAh (Extended Rev1)	SM10-BATT-X61
	SM10 Standard Capacity Spare Battery 4,100mAh (Standard Rev1)	SM10-BATT-T41
Cradle	SM10 LTE 2 Slot charge-only cradle for 1x SM10 LTE & 1x SM10 LTE spare battery. Requires power supply (UNIV-PWSP-200; sold separately)	SM10-2CRD-C01
	SM10 2 Slot Ethernet cradle for 1x SM10 & 1x SM10 spare battery. Requires power supply (UNIV-PWSP-2XX; sold separately)	SM10-2CRD-EC0
	SM10 8 Slot charge-only cradle for 4x SM10 & 4x SM10 spare battery. Requires power supply (UNIV-PWSP-8XX; sold separately)	SM10-8CRD-C00
	SM10 8 Slot Ethernet cradle(operates as an access point) for 4x SM10 & 4x SM10 spare battery. Requires power supply (UNIV-PWSP-8XX; sold separately)	SM10-8CRD-E00
	Vehicle Mount for Vehicle Cradle by RAM®. Install in a vehicle by suction.	UNIV-RAMS
	Vehicle Mount for Vehicle Cradle by RAM®. Install in a vehicle by tighten screw.	UNIV-RAMT
	SM10 charge only vehicle cradle by Brodit® within Cigarette Light Adaptor. Accomodates SM10 with protective boots. Requires vehicle mount(UNIV-RAMS or UNIV-RAMT;sold separately)	SM10-VCRD-C00
Protection Boots	SM10/SM15 2 Slot HDMI & Ethernet cradle for 1x SM10 & 1x SM10 spare battery. Requires power supply (UNIV-PWSP-2XX; sold separately)	SM10-2CRD-EC0-HD
	boots for SM10 with handstrap. Attaches Stylus SM10-STYL; sold separately)	SM10-BOOT-01
Screen Protector	Screen Protector for SM10	SM10-SCPR
Stylus	Spare Stylus with tether for SM10	SM10-STYL
USB Cable	USB Cable, 1.2M, A to Micro USB Plug. Client Communication Cable for SM10 USB port to the host system.	UNIV-CABL-UMA
Power Supply	Power Supply: 100~240VAC, 5VDC, 4A. Provides power to the 2 slot cradle and snap on with SM10, UL10, OX10, MT10, ST10, SK10(Snap on Only). Includes AU power cord.	UNIV-PWSP-2AU
	Power Supply: 100~240VAC, 5VDC, 4A. Provides power to the 2 slot cradle and snap on with SM10, UL10, OX10, MT10, ST10, SK10(Snap on Only). Includes CN power cord.	UNIV-PWSP-2CN
	Power Supply: 100~240VAC, 5VDC, 4A. Provides power to the 2 slot cradle and snap on with SM10, UL10, OX10, MT10, ST10, SK10(Snap on Only). Includes EU power cord.	UNIV-PWSP-2EU
	Power Supply: 100~240VAC, 5VDC, 4A. Provides power to the 2 slot cradle and snap on with SM10, UL10, OX10, MT10, ST10, SK10(Snap on Only). Includes KR power cord.	UNIV-PWSP-2KR
	Power Supply: 100~240VAC, 5VDC, 4A. Provides power to the 2 slot cradle and snap on with SM10, UL10, OX10, MT10, ST10, SK10(Snap on Only). Includes UK power cord.	UNIV-PWSP-2UK
	Power Supply: 100~240VAC, 5VDC, 4A. Provides power to the 2 slot cradle and snap on with SM10, UL10, OX10, MT10, ST10, SK10(Snap on Only). Includes US power cord.	UNIV-PWSP-2US
	Power Supply: 100~240VAC, 12VDC, 7A. Provides power to the 8 slot cradle with SM10, UL10, OX10, MT10, ST10. Includes AU power cord.	UNIV-PWSP-8AU
	Power Supply: 100~240VAC, 12VDC, 7A. Provides power to the 8 slot cradle with SM10, UL10, OX10, MT10, ST10. Includes CN power cord.	UNIV-PWSP-8CN
	Power Supply: 100~240VAC, 12VDC, 7A. Provides power to the 8 slot cradle with SM10, UL10, OX10, MT10, ST10. Includes EU power cord.	UNIV-PWSP-8EU
	Power Supply: 100~240VAC, 12VDC, 7A. Provides power to the 8 slot cradle with SM10, UL10, OX10, MT10, ST10. Includes KR power cord.	UNIV-PWSP-8KR
	Power Supply: 100~240VAC, 12VDC, 7A. Provides power to the 8 slot cradle with SM10, UL10, OX10, MT10, ST10. Includes UK power cord.	UNIV-PWSP-8UK
	Power Supply: 100~240VAC, 12VDC, 7A. Provides power to the 8 slot cradle with SM10, UL10, OX10, MT10, ST10. Includes US power cord.	UNIV-PWSP-8US
	Power Supply: 100~240VAC, 12VDC, 16A, Provides power to the 8 slot cradle X2 with SM10, UL10, OX10, MT10, ST10. Includes EU power cord.	UNIV-PWSP-DEU
	Power Supply: 100~240VAC, 12VDC, 24A, Provides power to the 8 slot cradle X3 with SM10, UL10, OX10, MT10, ST10. Includes EU power cord.	UNIV-PWSP-TEU
Power Supply: 100~240VAC, 5VDC, 2A. Provides power to SM10 directly via USB connector. Includes Six international plugs for UK, EU, AU, CN, KR, US	SM10-PWSP-U00	
Scanning Trigger	Scanning Trigger for SM10 LTE	SM10-TRIG-S00
UHF RFID Gun Trigger	UHF RFID & Scanning Trigger for SM10 CE	SM10-TRIG-UEB
	UHF RFID & Scanning Trigger for SM10 FCC	SM10-TRIG-UFB



M3 SM10 Cradle

2-Slot Cradle



8 Slot Cradle

8-Slot Cradle



HDMI Cradle



UHF Gun Reader

UHF RFID Gun



UHF RFID Reader



Pistol grip

Scanning Trigger



Vehicle Cradle (A-type, with boots only)

Vehicle Cradle



(On the Development)

Payment Solution



(On the Development)

Finger Print Solution

for more information
www.m3mobile.net
www.m3mobile.co.kr
sales@m3mobile.co.kr

Supported Barcode Symbologies of TN15

Parameter	Default
UPC/EAN	
UPC-A	Enable
UPC-E	Enable
UPC-E1	Disable
EAN-8/JAN 8	Enable
EAN-13/JAN 13	Enable
Bookland EAN	Disable
Decode UPC/EAN/JAN Supplementals (2 and 5 digits)	Ignore
User Programmable Supplementals Supplemental 1: Supplemental 1:	
UPC/EAN/JAN Supplemental Redundancy	10
Decode UPC/EAN/JAN Supplemental AIM ID	Combined
UPC Reduced Quiet Zone	Disable
Transmit UPC-A Check Digit	Enable
Transmit UPC-E Check Digit	Enable
Transmit UPC-E1 Check Digit	Enable
UPC-A Preamble	System Character
UPC-E Preamble	System Character
UPC-E1 Preamble	System Character
Convert UPC-E to A	Disable
Convert UPC-E1 to A	Disable
EAN-8/JAN-8 Extend	Disable
Bookland ISBN Format	ISBN-10
UCC Coupon Extended Code	Disable
Coupon Report	New Coupon Symbol
ISSN EAN	Disable
Code 128	
Code 128	Enable
Set Length(s) for Code 128	Any Length
GS1-128 (formerly UCC/EAN-128)	Enable
ISBT 128	Enable
ISBT Concatenation	Disable
Check ISBT Table	Enable
ISBT Concatenation Redundancy	10
Code 128 Reduced Quiet Zone	Disable
Ignore Code 128 <FNC4>	Disable
Code 39	
Code 39	Enable
Trioptic Code 39	Disable
Convert Code 39 to Code 32 (Italian Pharmacy Code)	Disable
Code 32 Prefix	Disable
Set Length(s) for Code 39	2 to 55
Code 39 Check Digit Verification	Disable
Transmit Code 39 Check Digit	Disable
Code 39 Full ASCII Conversion	Disable
Code 39 Reduced Quiet Zone	Disable
Code 93	
Code 93	Disable
Set Length(s) for Code 93	4 to 55
Code 11	
Code 11	Disable
Set Lengths for Code 11	4 to 55
Code 11 Check Digit Verification	Disable
Transmit Code 11 Check Digit(s)	Disable

Parameter	Default
Interleaved 2 of 5 (ITF)	
Interleaved 2 of 5 (ITF)	Enable
Set Lengths for I 2 of 5	14
I 2 of 5 Check Digit Verification	Disable
Transmit I 2 of 5 Check Digit	Disable
Convert I 2 of 5 to EAN 13	Disable
I 2 of 5 Security Level	Security Level 1
I 2 of 5 Reduced Quiet Zone	Disable
Discrete 2 of 5 (DTF)	
Discrete 2 of 5	Disable
Set Length(s) for D 2 of 5	12
Codabar (NW - 7)	
Codabar	Disable
Set Lengths for Codabar	5 to 55
CLSI Editing	Disable
NOTIS Editing	Disable
MSI	
MSI	Disable
Set Length(s) for MSI	4 to 55
MSI Check Digits	One
Transmit MSI Check Digit	Disable
MSI Check Digit Algorithm	Mod 10/Mod 10
Chinese 2 of 5	
Chinese 2 of 5	Disable
Korean 3 of 5	
Korean 3 of 5	Disable
Matrix 2 of 5	
Matrix 2 of 5	Disable
Matrix 2 of 5 Lengths	14
Matrix 2 of 5 Redundancy	Disable
Matrix 2 of 5 Check Digit	Disable
Transmit Matrix 2 of 5 Check Digit	Disable
Inverse 1D	Regular
Postal Codes	
US Postnet	Enable
US Planet	Enable
Transmit US Postal Check Digit	Enable
UK Postal	Enable
Transmit UK Postal Check Digit	Enable
Japan Postal	Enable
Australia Post	Enable
Australia Post Format	Auto discriminate
Netherlands KIX Code	Enable
USPS 4CB/One Code/Intelligent Mail	Disable
UPU FICS Postal	Disable
GS1 DataBar (formerly RSS, Reduced Space Symbology)	
GS1 DataBar-14	Enable
GS1 DataBar Limited	Disable
GS1 DataBar Limited Security Level	3
GS1 DataBar Expanded	Disable
Convert GS1 DataBar to UPC/EAN	Disable

Parameter	Default
Composite	
Composite CC-C	Disable
Composite CC-A/B	Disable
Composite TLC-39	Disable
UPC Composite Mode	Never Linked
GS1-128 Emulation Mode for UCC/EAN Composite Codes	Disable
2D Symbologies	
PDF417	Enable
MicroPDF417	Disable
Code 128 Emulation	Disable
Data Matrix	Enable
Data Matrix Inverse	Regular
Decode Mirror Images (Data Matrix Only)	Never
Maxicode	Enable
QR Code	Enable
QR Inverse	Regular
MicroQR	Enable
Aztec	Enable
Aztec Inverse	Regular
Han Xin	Disable
Han Xin Inverse	Regular
Symbology-Specific Security Levels	
Redundancy Level	1
Security Level	1
1D Quiet Zone Level	1
Intercharacter Gap Size	Normal

For downloading supported Barcode Symbologies

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