

Rugged Medical Tablets

Slim, Antimicrobial, ANSI/AAMI ES60601-1 Certified for Mobile Computing Applications



Model	362MD	301Y/MD	313Y/MD	313T/MD
System				
CPU	Intel® Pentium® Silver Quad-Core, 1.10GHz (up to 2.70GHz)	Intel® Core™ i5-1135G7, Quad-Core, 4.2GHz (max turbo frequency) Intel® Core™ i7-1165G7, Quad-Core, 4.7GHz (max turbo frequency)	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz) Intel® Core™ i7-10710U, Hexa-Core, 1.1GHz (up to 4.7GHz)	Intel® Pentium® Gold 7505, Dual-Core, up to 3.50 GHz Intel® Core™ i5-1135G7, Quad-Core, up to 4.2GHz Intel® Core™ i7-1165G7, Quad-Core, up to 4.7GHz
RAM	8GB	8GB to 16GB	8GB to 16GB	8GB to 32GB
Storage	256GB Flash	256GB to 512GB Flash	256GB to 512GB Flash	256GB to 2TB Flash
Operating System	Microsoft® Windows® 10 IoT Enterprise or Ubuntu			
Display	6" LED-backlight capacitive touch screen	10.1" LED-backlight, high-brightness (800 nits) capacitive touch screen	13.3" LED-backlight, high-brightness (1000 nits) capacitive touch screen	13.3" LED-backlight screen with capacitive touch
Display Resolution	720 x 1440	1920 x 1200	1920 x 1080	1920 x 1080
NIST Compliance	NIST compliant BIOS available	NIST compliant BIOS available	NIST compliant BIOS available	NIST compliant BIOS available
Camera	8 megapixel back camera	Full-HD front camera and 8 megapixel back camera		
Control Switch and Buttons	1 power button, 2 trigger buttons	1 power button, 2 brightness control buttons, 5 programmable buttons	1 power button, 2 brightness control buttons, 5 programmable buttons	1 power button, 1 trigger button, 3 programmable buttons
Microphone	N/A	Built-in microphone	Built-in microphone	Built-in microphone
Speaker	N/A	Built-in speaker	Built-in speaker	Built-in speaker

Network Interface

WLAN	Wi-Fi 802.11ac; 2.4GHz/ 5GHz dual band	Wi-Fi 802.11ax; 2.4GHz/ 5GHz dual band	Wi-Fi 802.11ax; 2.4GHz/ 5GHz dual band	Wi-Fi 802.11ax, 2.4GHz/ 5GHz dual band
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I/O Ports

USB Port	USB Type-C x 1 (data transmitting and charging; data transmitting only available in one insertion direction)	USB 3.0 x 1, USB Type C x 1 (data transmitting and charging)	USB 3.0 x 3, USB Type-C x 1 (data transmitting and charging)	USB 3.0 x 1, USB 2.0 x 2
Headset Jack	N/A	1 (3.5mm)	1 (3.5mm)	1 (3.5mm)
Ethernet	N/A	1	1	1
HDMI-out	N/A	N/A	N/A	1
DC-in	N/A	N/A	N/A	1
Smart Card/CAC Reader	Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card			Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card (optional)

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 20V DC, 3A	Input: 100-240V AC; Output: 20V DC, 3A	Input: 100-240V AC; Output: 20V DC, 3A	Input: 100 – 240V AC; Output: 19V DC, 3.42A
Battery Pack	Hot swappable battery, 3100mAh	Hot swappable battery, 5400mAh	Hot swappable battery, 5400mAh	Hot swappable battery, 5400mAh
Enclosure	ABS + PC plastics; antimicrobial enclosure	ABS + PC plastics and magnesium-aluminum alloy; antimicrobial enclosure		
Dimensions (H x W x D)	7.6 x 3.7 x 1.2 in/ 192 x 95 x 31 mm	7.8 x 11 x 0.86 in/ 198 x 280 x 21.9 mm	10.1 x 13.2 x 0.8 in/ 256 x 335 x 21 mm	10.1 x 13.2 x 0.8 in/ 256 x 335 x 21 mm
Weight	1.1 lbs/ 485 g	3.1 lbs/ 1.4 kg	3.97 lbs/ 1.8 kg	3.97 lbs/ 1.8 kg
Durability	IP65 and MIL-STD-810G certified	IP65 and MIL-STD-810G certified	IP65 and MIL-STD-810G certified	N/A
Regulatory	FCC/IC, CE/CB, RCM, CCC, ANSI/AAMI ES60601-1	FCC/IC, CE/CB, RCM, CCC, ANSI/AAMI ES60601-1, Energy Star 8.0	FCC/IC, CE/CB, RCM, CCC, ANSI/AAMI ES60601-1	
Temperature	Operation: -10°C to 50°C (14°F to 122°F) Storage: -20°C to 60°C (-4°F to 140°F)	Operation*: -10°C to 60°C (14°F to 140°F), optional -30°C to 60°C (-22°F to 140°F) * For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F) Storage: -55°C to 70°C (-67°F to 158°F)		Operation: 0°C to 40°C (32°F to 104°F)
Humidity	0% to 90% non-condensing			

Major Options

Barcode Scanner	2D scanner, reads 1D also			
NFC/RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1. Or, dual frequency, reads both 125KHz and 13.56MHz credentials.	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1	Dual frequency, reads both 125KHz and 13.56MHz credentials	N/A
Mobile Broadband	N/A	4G LTE/AWS	4G LTE/AWS	N/A

* Specifications subject to change without notice.



Model	316T/MD	373T/MD
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System		
CPU	Intel® Pentium® Gold 7505, Dual-Core, 3.5GHz (max turbo frequency) Intel® Core™ i5-1135G7, Quad-Core, 4.2GHz (max turbo frequency) Intel® Core™ i7-1165G7, Quad-Core, 4.7GHz (max turbo frequency)	
RAM	8GB to 16GB	
Storage	256GB to 1TB Flash	
Operating System	Microsoft® Windows® 10 IoT Enterprise or Ubuntu	
Display	15.6" LED-backlight capacitive touch screen	17" LED-backlight capacitive touch screen
Display Resolution	1920 x 1080, or 3840 x 2160 (optional)	1920 x 1080, or 3840 x 2160 (optional)
NIST Compliance	NIST compliant BIOS available	
Camera	Full-HD front camera and 8 megapixel back camera	
Control Switch and Buttons	1 power button, 3 programmable buttons	
Microphone	Built-in microphone	
Speaker	Built-in speaker	

Network Interface		
WLAN	Wi-Fi 802.11ac; 2.4GHz/ 5GHz dual band	Wi-Fi 802.11ac; 2.4GHz/ 5GHz dual band

I/O Ports		
USB Port	USB 3.0 x 4, USB Type C x 1 (for data transmitting and charging)	USB 3.0 x 6, USB Type C x 1
Headset Jack	1 (3.5mm)	
Ethernet	1	
DC-in	1	

Mechanical and Environmental		
AC/DC Adapter	Input: 100-240V AC; Output: 20V DC, 3A	Input: 100-240V AC; Output: 18.5V DC, 3.89A
Battery Pack	Hot swappable battery, 11.4V, 5400mAh	
Enclosure	ABS + PC plastics and magnesium-aluminum alloy; antimicrobial enclosure	
Dimensions (H x W x D)	10.2 x 15.2 x 1.04 in/ 259.6 x 385.2 x 26.4 mm	16.9 x 11.1 x 1.06 in/ 430 X 282 X 27mm
Weight	4.63 lbs/ 2.1 kg	4.41 lbs/ 2 kg
VESA-Compliant Mounting	75mm x 75mm VESA standard	
Durability	IP65-rated front panel	
Regulatory	FCC/IC, CE/CB, RCM, CCC, ANSI/AAMI ES60601-1	
Temperature	Operation: -10°C to 60°C (14°F to 140°F), optional -30°C to 60°C (-22°F to 140°F) Storage: -55°C to 70°C (-67°F to 158°F)	Operation: -10°C to 60°C (14°F to 140°F), optional -30°C to 60°C (-22°F to 140°F) Storage: -55°C to 70°C (-67°F to 158°F)
Humidity	0% to 90% non-condensing	

Major Options		
NFC/RFID reader	Dual frequency, reads both 125KHz and 13.56MHz credentials	N/A
Smart Card/CAC Reader	N/A	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
Mobile Broadband	N/A	4G LTE/AWS

* Specifications subject to change without notice.

Accessories

- **Wall/ Vehicle Mount Cradle** 
- **Docking Keyboard** 
- **Slim Detachable Keyboard** 
- **Handstrap with Kickstand** 
- **Desktop Charging Cradle** 
- **Battery Pack** 
- **3-Slot Battery Holster** 
- **Digital Pen** 
- **Battery Charging Kits** 
- **Battery Gang Charger** 