



Model	362MD	302MD	313Y/MD	313T/MD
System				
CPU	Intel® Pentium® Silver 4-Core, 1.1 GHz, up to 2.7 GHz	Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ U300, 5-Core, up to 4.4 GHz	Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz	Intel® Core™ i5-1135G7, 4-Core, up to 4.2 GHz Intel® Core™ i7-1165G7, 4-Core, up to 4.7 GHz
RAM	8GB	8GB to 32GB	8GB to 32GB	8GB to 32GB
Storage	256GB Flash	64GB to 2TB Flash	256GB to 2TB	256GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu			
Display	6" LED-backlit (350 nits) touchscreen	10.1" LED-backlit, High-Brightness (800 nits) Touchscreen	13.3" LED-backlit, High-Brightness (1000 nits) Touchscreen	13.3" LED-backlit Touchscreen
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 MP Back Camera	5 MP Front Camera & 8 MP Back Camera	5 MP Front Camera & 8 MP Back Camera	5 MP Front Camera & 8 MP 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, 2.4/5 GHz Dual Band	Wi-Fi 802.11ax, 2.4/5 GHz Dual Band	Wi-Fi 802.11ax, 2.4/5 GHz Dual Band	Wi-Fi 802.11ax, 2.4/5 GHz Dual Band
-------------	-------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------

I/O INTERFACE

USB Port	1 x USB Type-C (data transmitting and charging; data transmitting only available in one insertion direction)	1 x USB 3.0, 1 x USB Type-C	3 x USB 3.0, 1 x USB Type-C	1 x USB 3.0, 2 x USB 2.0
Headset Jack	N/A	1 (3.5 mm)	1 (3.5 mm)	1 (3.5 mm)
Ethernet Port	N/A	1 (RJ45)	1 (RJ45)	1 (RJ45)
HDMI-out	N/A	N/A	N/A	1
DC-in	N/A	1	1	1
Smart Card/CAC Reader	Full Slot (Reads ISO 7816 T=0, T=1); 1.8/3/5V Smart Card			N/A

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 20V DC, 3A	Input: 100-240V AC; Output: 19V DC, 3.78A	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 (11.4V, 3900mAh) (Optional) 60W Hot-Swappable Battery (11.4V, 5400mAh) (Optional) 90W Hot-Swappable Battery, (11.4V, 8000mAh)	Hot-Swappable Battery (5400mAh)	Hot-Swappable Battery (5400mAh)
Enclosure	ABS + PC Plastic; Antimicrobial Enclosure	ABS + PC Plastic 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	7.7 x 10.71 x 0.79 in/195.6 x 272 x 20 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 lbs/1.32 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-810H Certified	N/A
Regulatory	FCC/IC, CE/CB, RCM, ANSI/AAMI ES60601-1	CE, FCC Class B, RoHS	FCC/IC, CE/CB, RCM, ANSI/AAMI ES60601-1	
Temperature	Operation: -10°C to 50°C (14°F to 122°F)	Operation: -10°C to 60°C (14°F to 140°F);		Operation: 0°C to 40°C (32°F to 104°F)
	Storage: -50°C to 70°C (-58°F ~ 158°F)	Storage: -50°C to 70°C (-58°F ~ 158°F)		
Humidity	0% to 90% Non-Condensing			

Major Options

Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)			
NFC/RFID Reader	HF 13.56 MHz, ISO 15693, 14443A(B) & 18000-3 Mode 1 or Dual Frequency (Reads both 125 KHz & 13.56 MHz Credentials)	HF 13.56 MHz, ISO 15693, 14443A(B) & 18000-3 Mode 1	Dual Frequency (Reads 125 KHz & 13.56 MHz Credentials)	Dual Frequency (Reads 125 KHz & 13.56 MHz Credentials)
Mobile Broadband	N/A	4G LTE/AWS	4G LTE/AWS	N/A

* Specifications subject to change without notice.



Model	316T/MD	373T/MD
-------	---------	---------

System

CPU	Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ i7-1335U, 10-Core, up to 5.0 GHz	Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ i7-1335U, 10-Core, up to 5.0 GHz
RAM	8GB to 16GB	8GB to 32GB
Storage	256GB to 2TB Flash	64GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu	
Display	15.6" LED-Backlit Touchscreen	17" LED-Backlit Touchscreen
Display Resolution	1920 x 1080	1980 x 1080 (Optional: 3840 x 2160)
NIST Compliance	NIST Compliant BIOS Available	NIST Compliant BIOS Available
Camera	Full-HD Front Camera & 8 MP Back Camera	5MP Front & 8MP Back Camera
Control Switch and Buttons	1 x Power Button, 3 x Programmable Buttons	1 x Power Button, 3 x Programmable Buttons
Microphone	Built-In Microphone	Built-In Microphone
Speaker	Built-In Speaker	Built-In Speaker

Network Interface

WLAN	Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band	Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band
BT	N/A	Yes

I/O INTERFACE

USB Port	USB 3.0 x 4, USB Type-C x 1	6 x USB Type-A (3 at the Right Side, 1 at the Left Side, and 2 at the Bottom); 1 x USB Type-C (Optional: Additional 3 x USB Type-A Ports at the Optional Back Service Door)
Headset Jack	1 (3.5 mm)	1 (3.5 mm)
Ethernet Port	1 (RJ45)	1, (Optional: 1 at the Optional Back Service Door DC & RJ)
DC-in	1	(Optional: 1 at the Optional Back Service Door DC & RJ)
DC-Out	N/A	(Optional: 1 at the Optional Back Service Door DC only)
Smart Card Reader	N/A	1

Mechanical and Environmental

Back Service Door	N/A	a. Back Service Door DC: Back service door with an additional set of I/O ports (3 x USB Type-A, 1 x COM port, 1 x DC-in jack, and 1 DC-out jack) *Eliminates 3 right side USB & 2 bottom USB ports b. Back Service Door RJ: Back service door with an additional set of I/O ports (3 x USB Type-A, 1 x COM port, 1 x DC-in jack, and 1 RJ45 out) *Eliminates 2 bottom USB ports
AC/DC Adapter	Input: 100-240V AC; Output: 18.5V DC, 3.89A	Input: 100-240V AC; Output: 19V DC, 6.31A 120W
Battery Pack	Hot-Swappable Battery (11.4V, 5400mAh)	Hot-Swappable Battery (11.4V, 5400mAh 60W or 8000mAh 90W)
Enclosure	ABS + PC Plastics and Magnesium-Aluminum Alloy with 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	N/A	75 x 75 mm VESA Standard
Durability	IP65-Rated Front Panel	IP65-Rated Front Panel
Regulatory	FCC/IC, CE/CB, RCM, ANSI/AAMI ES60601-1	
Temperature	Operation: -10°C ~ 60°C (14°F to 140°F)	Operation: -10°C ~ 50°C (-14°F ~ 122°F),
	Storage: -50°C ~ 70°C (-58°F ~ 158°F)	Storage: -50°C ~ 70°C (-58°F ~ 158°F)
Humidity	0% to 90% Non-Condensing	

Major Options

NFC/RFID reader	Dual Frequency (Reads 125 KHz & 13.56 MHz Credentials)	N/A
Mobile Broadband	N/A	4G LTE/AWS
Back Service Door	N/A	An Additional Set of I/O Ports, Including 3 x USB Type-A, 1 x COM Port, 1 x DC-In Jack, and 1 x DC-Out Jack or 1 x RJ45 out

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

