

UTC-115

15.6" Ubiquitous Touch Computer UTC-115G with Intel® Pentium® N4200



DeviceOn/iService

Features

- Slimmer and Lighter design
- Low power and fanless system design
- Built-in Intel Pentium® N4200
- 15.6" monitor with 16:9 widescreen display
- IP65-rated front panel for water and dust resistance
- Clean back cover design with 3 Way IO cable routing
- Supports both landscape and portrait screen orientations
- VESA 100 mm standard mounting holes for varied mounting demands
- PoE supported on Pentium N4200 platform (with optional module)
- Support DeviceOn/iService software for remote device management



Introduction

UTC-115 features an all-in-one computing system which equipped with wide format, touch based LCD panel. It is easy to integrate key peripherals and display systems for diversified self-service and interactive signage deploy in different application areas.

Thanks for the slim and light looking with 3 way cable routing design, makes UTC-115 good fit to diverse scenarios and areas.

The systems deliver updated information with well-designed interactive interfaces, with fully ensure relevant content and targeted promotions are delivered. UTC series touch panel computers are the best investments to enhance user satisfaction, further brand equity, and maximize business profits.

Moreover, Advantech DeviceOn/iService Software is a next-generation unified device management unified device management solution based on the WISE-DeviceOn platform. With support for batch operations and multi-device control, DeviceOn/iService enables easy device configuration and deployment for convenient remote device management.

Specifications

Process system	CPU	Intel® Pentium® N4200 (UTC-115G)	
	Base/Burst Frequency	1.10Ghz/2.50Ghz (Quad-Core)	
	Memory	1 x 204 pin SO-DIMM DDR3L 1600 MHz up to 8 GB	
	Storage	1 x M.2 2242 SSD / 1 x 2.5 internal SATA storage	
	Network	2 x Gigabit Ethernet ports (Supports Wake on LAN)	
	I/O Ports	2 x RS-232 COM (COM2 RS-232/422/485)	
		4 x USB3.0 / 2 x USB3.0 (optional)	
		2 x Gigabit Ethernet ports (1 with PoE)	
		1 x HDMI 1.4	
		1 x Audio Phone Jack	
OS Support	Stereo Speaker	2 x 2W	
	Bus expansion	1 x M.2 key2230, 1 x M.2 key2242	
	Mounting	VESA 100 x 100 mm (Screw Size, M4, 7mm)	
	Dimension (WxHxD)	398.8 x 248.2 x 29.5	
	Weight	2.4 Kg	
	Win 10 IoT Enterprise 64bit	Android 10.1	
		Linux	
		0 ~ 40 °C (32 ~ 104 °F)*	
	Relative Humidity	10 ~ 95% @ 40 °C non-condensing	
	Vibration	0.5G	
Environment Specification	Shock	10G peak acceleration (11 msec. duration)	
	Certification	CE, FCC, CB, UL, CCC, BSMI	
	Front Panel Protection	IP 65 Compliant	
	DC Input Rating	12V/5A~24V/2.5A, 60W ITE Adapter	
	PoE	IEEE 802.3at/30W (Optional)	
	Power consumption	26W	
	Size/Type	15.6" HD	15.6" FHD (Option)
	Max.Resolution	1366 x 768	1920 x 1080
	Max. Color	262K	262K
	Pixel Pitch (um)	252(H) x 252(V)	179(H) x 179(V)
LCD Display	Brightness (cd/m2)	220	300
	View Angle	90°/50°	170°/170°
	Type	Projected Capacitive.	
	Light Transmission	80% ± 5% / 90%	
	Controller	USB Interface	
	Touch Screen Option	Win 10 IoT Enterprise 64bit	
		Android 10.1	
		Linux	
	Operating temperature	0 ~ 40 °C (32 ~ 104 °F)*	
	Relative Humidity	10 ~ 95% @ 40 °C non-condensing	
	Vibration	0.5G	
	Shock	10G peak acceleration (11 msec. duration)	
	Certification	CE, FCC, CB, UL, CCC, BSMI	
	Front Panel Protection	IP 65 Compliant	
	DC Input Rating	12V/5A~24V/2.5A, 60W ITE Adapter	
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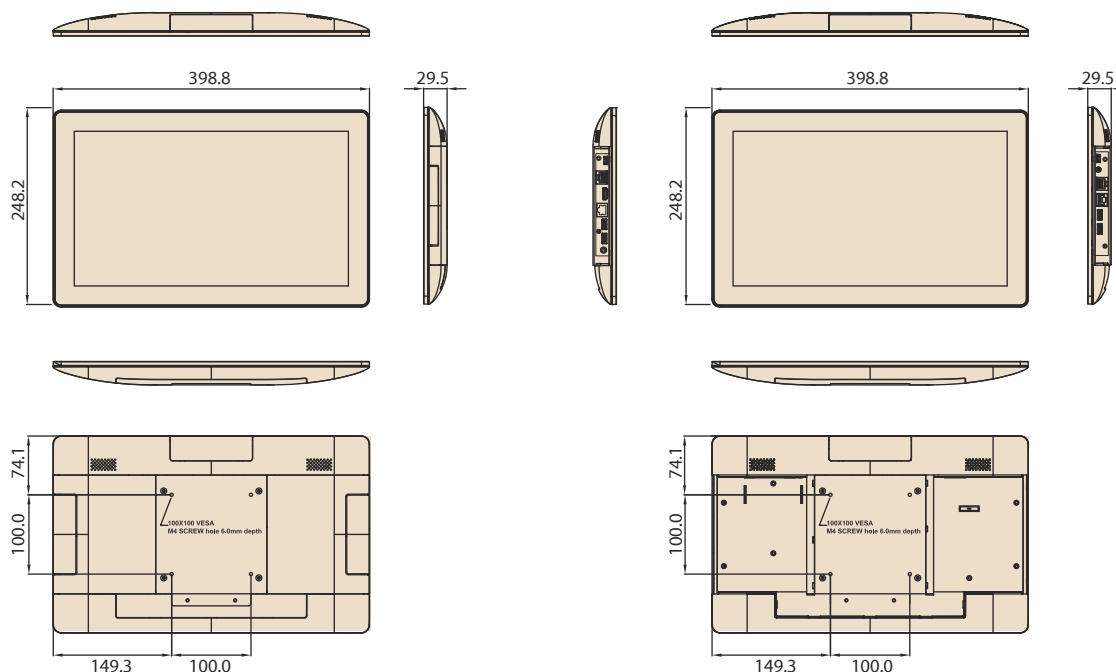
Specifications (Cont.)

DeviceOn/iService Remote Device Management	Operating System	Windows 10
	Common Controls (Reboot, Shutdown)	✓
	Remote desktop	✓(VNC)
	Device-Specific Controls (Audio)	✓*
	Connection Status	✓
	Hardware Status	✓*
	Hard Disk Status	✓*
	Batch Operation Support	✓
	OTA Storage Management	FTP
	OTA Software Updates	✓
	Software Watchlist	✓
	Software Start/Stop	✓*
	Kiosk Mode	
Dependent on device model	Peripherals Watchlist	✓

Note: DeviceOn/iService software must be downloaded from the Advantech website at <https://www.advantech.com/search/?q=DeviceOn%2FiService&st=support&sst=Utility>

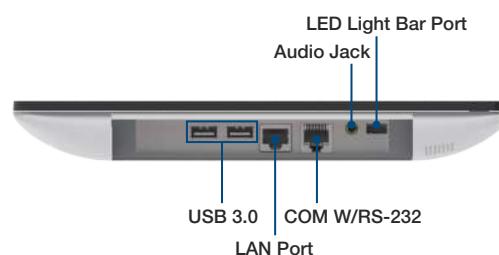
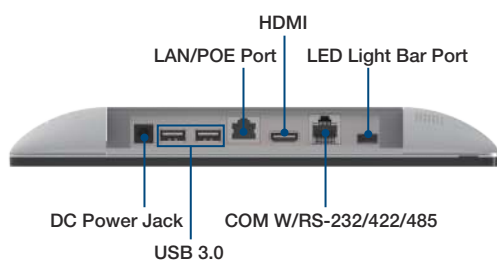
Dimensions

Unit: mm



Suggest M4*7 screw for VESA

Fully- Integrated I/O



Ordering Information

For Worldwide Model

Part No.	Descriptions
UTC-115GP-WWW0E	15.6" HD, Pcap, N4200, 4G RAM, 128G SSD, Win10, Silver
UTC-115GP-WWW1E	15.6" HD, Pcap, N4200, 4G RAM, 128G SSD, Win10, Wifi/BT, Silver
UTC-115GP-NWW0E	15.6" HD, Pcap, N4200, 4G RAM, 128G SSD, Silver
UTC-115GP-WWW1F	15.6" FHD, Pcap, N4200, 4G RAM, 128G SSD, Win10, Wifi/BT, Silver
UTC-115GP-AWW1F	15.6" FHD, Pcap, N4200, 4G RAM, 128G SSD, Android, Wifi/BT, Silver

For US only Model

Part No.	Descriptions
UTC-115GP-WUS1F	15.6" FHD, Pcap, N4200, 4G RAM, 128G SSD, Win10, Wifi/BT, Power cord, Silver
UTC-115GP-NUS1F	15.6" FHD, Pcap, N4200, 4G RAM, 128G SSD, Wifi/BT, Power cord, Silver

For China Only Model

Part No.	Descriptions
UTC-115GP-WCN1E	15.6" HD, Pcap, N4200, 4G RAM, 128G SSD, Win10, Wifi/BT, Silver
UTC-115GP-NCN0E	15.6" HD, Pcap, N4200, 4G RAM, 128G SSD, Silver

For EU only Model

Part No.	Descriptions
UTC-115GP-WEU1F	15.6" FHD, Pcap, N4200, 4G RAM, 128G SSD, Win10, WiFi/BT, EU Power Cord
UTC-115GP-AWW1F	15.6" FHD, Pcap, N4200, 4G RAM, 128G SSD, Android, Wifi/BT, Silver

Extra ordering information

Part No.	Descriptions
1702002605	Power cord 2P FRANCE 10A/16A 220V 1.83M 90D
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1700000596-11	Power Cord (China) CCC,10A 250V, 3P 1830mm
1700018704	Power Cord UK BSI 2P 10A 250V 180cm 18AWG
1700025928-02	COM Port Converter cable RJ48-10P10C to D-SUB 9P 35cm
UTC-T01-STANDE	Tri Shape Floor Stand 120cm
UTC-100P-STAND0E	L Stand for UTC-115
UTC-300P-D20E	Desk Stand, Silver, for UTC-115/120
UTC-UPOS-STAND0E	Double Hinge Stand
UTC-AVALO-STAND0E	Avalo Stand
ASK-TBSD-BS1510A01	Table Stand for UTC-115 (Black)
UTC-S01-STAND	Table Stand for UTC-120 (Black)
ASK-TBSD-BS2710A01	Tilt Table Stand for UTC-100 Series (Black)
UTC-WALL-MOUNT1E	Adjustable VESA Wall-Mount for UTC-100 Series
UTC-WALL-MOUNT3E	Vesa Wall-mount for UTC-100 Series (Black)

DeviceOn/iService

Unified Remote Device Management Software



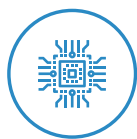
Features

- Supports Advantech devices equipped with Windows, Android, and Linux OS
- Flexible device, location, user, and permissions management
- Enables remote monitoring and control of hardware, software, and peripherals
- Supports over-the-air (OTA) firmware and software updates
- Ensures quick, easy, and secure device onboarding
- RESTful APIs for third-party system integration

Introduction

Advantech's DeviceOn/iService is a next-generation unified device management solution based on the WISE-DeviceOn platform. Designed to enable centralized monitoring and remote management, DeviceOn/iService supports Advantech devices equipped with Windows, Linux, or Android operating systems. The software also supports the management of applications and integrated peripherals, such as a barcode scanner, card reader, camera, and printer. Users can remotely access and control connected devices, take screenshots, rollout OTA upgrades, and use remote desktop capabilities for troubleshooting from any location at any time. Moreover, DeviceOn/iService supports batch operations to facilitate the management of multiple devices simultaneously for easy and convenient device configuration and deployment.

Total Management



Devices & Hardware

- Windows, Linux, Android
- Hardware, storage, battery



Software & Peripherals

- Software monitoring & access
- Screens, USB devices, printers



Open for Expansion

- Peripheral integration
- Open APIs for integration

Remote Access



Real-Time Monitoring

- Connection/hardware status
- Software/peripheral status
- Failure notifications



Remote Controls

- Power controls
- Audio, backlight controls
- Software controls



Troubleshooting

- Screenshots
- Remote desktop support

Operational Efficiency



OTA updates

- System/software updates
- File repository management
- App store



Batch Controls

- 1-to-many batch reboot, etc.
- Time-saving tasks



Setup Booster

- Software/peripheral watchlist
- Roles, rule templates

Note: Some functions may vary according to the product

System Architecture

