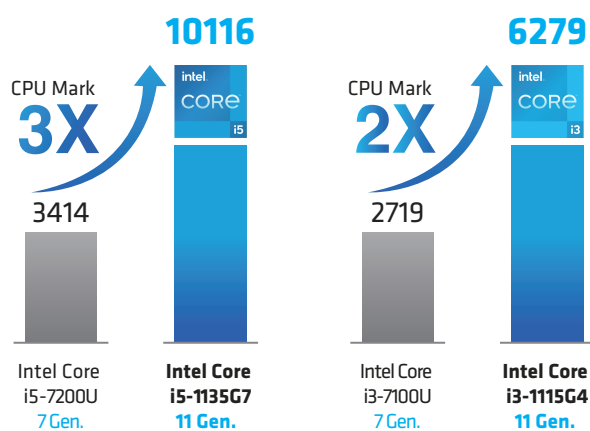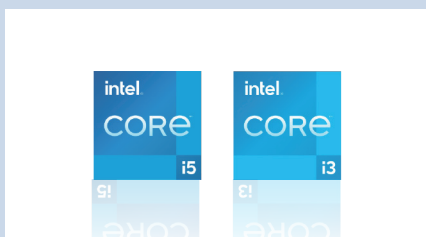# APEXA® TL-1500
Tiger Lake Compact POS

APEXA® TL-1500 is a premium all-in-one POS terminal powered by Intel's 11th Gen. Tiger Lake.
The compact monitor screen allows users to make practical use of limited space.
It can create a sophisticated interior design in a modern and contemporary style,
and is optimized for large-scale distribution, dining, specialty stores, and franchise industries.

10116

CPU Mark
3X

intel CORE i5

3414

Intel Core i5-7200U
7 Gen.

Intel Core i5-1135G7
11 Gen.

6279

CPU Mark
2X

intel CORE i3

2719

Intel Core i3-7100U
7 Gen.

Intel Core i3-1115G4
11 Gen.

APEXA® TL-1500_Features & Benefits

The latest Intel 11th Gen. Tiger Lake
- Superior performance
- Optimized for POS operation

15"

Bright and clear touch screen
- 15" TFT LCD, LED backlight
- PCAP touch with precise touch feeling

Counter Top   Wall Mount

Flexible installation support
- Stand or wall mount installation
- VESA mount compatible

Fast installation and maintenance
- Spacious I/O ports placed on top for easy access
- Reduced maintenance cost

Liquid ingress protection design
- Blocking the inflow of various liquids and foreign substance
- More suitable for food and beverage service environment

Support for various options
- Second display (9.7", 12.1", 15" optional)
- Customer display window, MSR, fingerprint reader, etc.

APEXA® TL-1500_Specifications

System	Processors	Intel® Core™ i5-1135G7 Processor 8M Cache, up to 4.20 GHz Intel® Core™ i3-1115G4 Processor 6M Cache, up to 4.10 GHz
	Chipset	Intel® Tiger Lake
	Memory	4GB Standard, DDR4 3200 MT/s, Socket 1 x SODIMM (Max. 32GB)
	Storage	SATA 3 (6Gb/s) 2.5 inch SSD 64GB, Support AHCI
	RAID	RAID 0,1
	Operating Systems	Windows 10 IoT Enterprise
	Audio	HD Audio Codec
Display	Type	15" TFT LCD, LED Backlight
	Resolution	1024 x 768
	Brightness	300 cd/m² (typ.)
	Touchscreen	Projected Capacitive Touch
Interface	Display	VGA x 1 (With Power Output)
	USB	6 (Rear 2, Back 4, USB 3.0 x 2, USB 2.0 x 2) 3 (Reserved for MSR, SCR, i-Button/Touch Controller/Camera), RJ-45

	Serial	6 (COM 1 with 5V/12V Power Output on 9 Pins, BIOS)
		    (COM2~3 RJ-45 , Full Signal)
		    (COM4 RJ-11, Only TX/RX, 12V Power Output, Reserved for CDP)
		    (COM5, Full Signal)
		    (COM6 RJ-45, Only TX/RX, 5V Power Output, Reserved for MSR)

	Back I/O	Cash Drawer Port(GPIO Communication) (RJ-11 6 Pins) x 1 + USB 2.0 x 2 (Default)
	Optinal I/O	Gigabit Ethernet x 1 (RJ-45) + USB 2.0 x 2 (Factory option) 12V Powered USB 2.0 x 1 + 24V Powered USB 2.0 x 1 (Factory option) 12V Powered USB 2.0 x 1 + 12V Powered USB 2.0 x 1 (Factory option) 24V Powered USB 2.0 x 1 + 24V Powered USB 2.0 x 1 (Factory option) 12V Powered USB 2.0 x 1 + USB 2.0 x 1 (Factory option) 24V Powered USB 2.0 x 1 + USB 2.0 x 1 (Factory option) COM5 x 1 (RJ-45 , Full signal) + USB 2.0 x 2 (Factory option) USB A 2.0 x 4 (Factory option) One option attachable at a time
	LAN	Gigabit Ethernet x 1 (RJ-45)
	Audio	Line-out x 1
	Power DC-IN	3 Pin DIN Jack
	Extension Slot	M.2 for WiFi/BT, SSD
Power	Power Supply	Adapter 24V, 2.5A (Nomarl) / 24V, 6.35A(Powered USB Option)
Physical & Environmental	Operating Temperature	0°C ~ 60°C at 10% to 90% Humidity
	Storage Temperature	-20°C ~ 80°C at 10% to 90% Humidity
	Dimensions (W x H x D)	364 x 333 x 210 (mm), 14.3 x 13.1 x 8.2(in)
	Packing Dimensions (W x H x D)	500 x 470 x 300 (mm), 19.6 x 18.5 x 11.8(in)
	Net Weight	5,300g, 11.68 lbs
	Packing Weight	8,000g, 17.63 lbs
	Color	Dark Grey, High Gloss White
Options & Peripherals	2nd Displays	9.7", 12.1", 15" LCD Display, 1024 x 768, Optional Touchscreen
	Customer Display	VFD, 20 Columns x 2 Lines
	Storage	2.5 inch SSD 128GB, HDD 500GB, 1TB
	Magnetic Stripe Reader	Comply with ISO 7811, Support 1 & 2 & 3 Track
	Smart Card Reader	EMV Level 1
	Dallas	Dallas i-button Reader
	Fingerprint	Yes
	Wall Mount Kit	VESA-Compatible, 75 x 75(mm), 100 x 100(mm)
	Serial Conversion Cable	RJ-45 to D-sub 9
	Speaker	2 x 1W (Stereo) (Factory Option)
	WiFi/BT	M.2 for WiFi/BT
	TPM	Support