Gladius Smart

15" Fan-less Touch POS Terminal
with Various I/O Options

Gladius Smart is a fan-less, aluminum POS terminal with Intel® Atom™ D525 1.8GHz Dual-Cores processor. With a thoughtful modularized integration concept, Gladius Smart can be transformed into various kinds of POS operations by detaching the all-in-one display and combining it with various kits such as a wall-mount version with integrated scanner or a countertop version with integrated printer.

Features

Flexible I/O Connectivity for Various Peripherals
With two I/O panels (1st Standard, 2nd Optional),there are at least 5 options of Interchangeable extended I/O panels that can be selected and replaced by system integrators.

Hidden Power Adapter in Stand for Space Saving
The aluminum stand can not only store the power adaptor under its base, but also provides cable management for connected peripherals.

Many Modularized Integrations
Offerings include various physical and functional integrations such as a wall-mount version integrated with a scanner or a countertop version integrated with a printer.

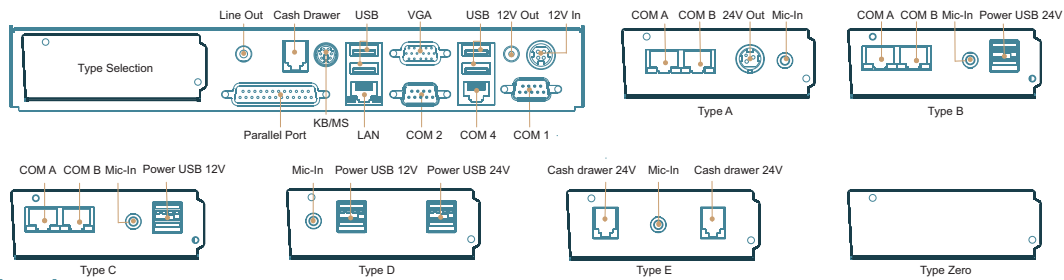### One-step Quick HDD Replacement Mechanism
HDD can be directly accessed and replaced without removing the cabling, reducing the maintenance time and costs.

Built-in Customer Display for Cost Saving
Customer display is integrated on the console eliminating the need to purchase a pole display.

I/O Interface

Line Out Cash Drawer USB VGA USB 12V Out 12V In
Type Selection
Parallel Port KB/MS LAN COM 2 COM 4 COM 1

COM A COM B 24V Out Mic-In
Type A

COM A COM B Mic-In Power USB 24V
Type B

COM A COM B Mic-In Power USB 12V
Type C

Mic-In Power USB 12V Power USB 24V
Type D

Cash drawer 24V Mic-In Cash drawer 24V
Type E

Type Zero

Specifications

Model	AL-7435
Processor	Intel® Atom™ D525, 1M L2 Cache, 1.8GHz
System Memory	1GB Standard, Maximum 4GB (1x204-pin DDR3)
Power Supply	150W (12V / 12.5A) External Power Supply Integrated with Base
Storage Device	1 x 2.5" SATA HDD
Graphics	Intel® GMA 3150
Speaker	Internal Speaker 2W x 2
Construction	Aluminum Die-casting + SECC
Housing Color	Black
Touch LCD Display	
Size / Resolution	15" TFT-LCD/ 1024 X 768
Brightness (Backlight Type)	250 (CCFL) / 450 cd/m² (LED)
Touch Screen	5-Wire Resistive Touch / Capacitive Touch
Panel OSD Control	Power On / Off, Brightness Up / Down
I/O Ports	
Serial Port	3 x Internal: COM 6 (LCM), COM A, COM B (Reserved)
	3 x External: COM 1, COM 2 (DB9), COM 4 (RJ-45)
USB Port	4 x Internal (1 Touch, 1 Card Reader Module, 2 Reserved), 5 x External (4 Rear + 1 Side)
Cash Drawer Port	1 x RJ11 (12V)
Printer Port	1 x Bi-directional Parallel port
Keyboard / Mouse	1 x PS/2
LAN Port	1 x RJ45 Giga LAN
PCI Slot	1 x Mini PCI-e (Internal)
Audio Port	1 x Line Out
VGA Port	1 x VGA
DC Output	1 x 12V DC Jack 2.5 mm
Optional I/O Board	
Type A	Serial Port: COM A & COM B (RJ45) with RI / 5V / 12V Selectable; DC Output: 1 x 24V; 1 x Mic In
Type B (Special Requirements)	Serial Port: COM A & COM B (RJ45) RI / 5V / 12V Selectable; Powered USB Port: 1 x 24V; 1 x Mic In
Type C	Serial Port: COM A & COM B (RJ45) RI / 5V / 12V Selectable; Powered USB Port: 1 x 12V; 1 x Mic In
Type D (Special Requirements)	Powered USB Port: 1 x 12V & 1 x 24V; 1 x Mic In
Type E (Special Requirements)	Cash Drawer Port: 2 x 24V ; 1 x Mic In
OS Supported	
Windows	Windows XP, POSReady 2009, Windows 7, POSReady 7
Linux	Per Request
Physical Dimensions	
Dimensions (W x H x D)	382 x 358 x 294 mm
Environment	
EMI / Safety	CE, FCC Class A
Operating Temperature	0℃ ~ 40℃ (32℉ ~ 104℉)
Storage Temperature	-10℃ ~ 55℃ (14℉ ~ 131℉)
Relative Humidity	10% ~ 90% (Non-condensing)
Optional Peripherals	
Magnetic Stripe Card Reader	Integrated MCR Module (Single / Dual / Triple Track Selectable)
MCR 3-in-1	Integrated MCR / Smartcard / Fingerprint or RFID 13.56 MHz
Wireless LAN	Integrated 802.11 b/g/n Wireless Module
Base Integrated Devices	RFID 13.56 MHz / Fingerprint Reader / i-Button