

SERIE APEXA CORE - GENERAL INFORMATION

VER. 10/25

SYSTEM	
• Processor	Intel® N97 (3.6 GHz)
• Chipset	Intel® Alder Lake-N
• Storage	SATA 3 (6 GB/s) 2.5" SSD 128GB, AHCI Support
• Memory	8 GB Standard, DDR4 3200 MT/s, Socket 1 x SODIMM (exp. to 16 GB)
• Audio Card	HD Audio Codec
MONITOR	
• Panel	15" / TFT LCD, LED backlight
• Resolution	1024 x 768
• Contrast Brightness	350 cd/m²
TOUCHSCREEN	
• Type	Projective Capacitive Touch
EXTERNAL I/O PORTS	
• Video	1x MiniDP (with power out)
• USB	6x (2x USB 3.0, 4x USB 2.0)
• RS232	6x (COM1 with 5V/12V power out on pin 9, BIOS) (COM2-3 RJ-45, Full Signal) (COM4 RJ-11, TX/RX, 12V out, reserved for CDP) (COM5 Full Signal) (COM6 RJ-45, TX/RX, 5V power out, reserved for MSR)
• Cash Drawer	1x RJ-12, 6 pin (GPIO)
• LAN	1x Gigabit Ethernet, RJ-45
• Audio	1x Line-out
POWER SUPPLY	
• Power Adapter	External 12 V, 5 A
SUPPORTED OPERATING SYSTEMS	
• Supported OS	Windows 10/11 Pro Windows 10 IoT LTSC 21 Windows 11 IoT LTSC

PHYSICAL CHARACTERISTICS	
• Certification	CE
• Temperature	Operation / 0°C - 60°C Storage / -20°C - +80°C
• Humidity	10% - 90% senza condensazione
• Colors	Anthracite grey matte / White matte
• Dimensions (W x H x D)	351 x 307 x 206 mm
OPTIONS AND ACCESSORIES	
• Storage	2.5" SSD 128GB, HDD 500GB / 1 TB M.2 2242-D2-M (NVMe)
• Customer Display (CDP)	VFD (20 characters x 2 lines)
• Second Monitor	9,7" / 15" / LCD (1024 x 768) 9,7" / 15" / LCD touch screen (1024 x 768) 10,1" / LCD (1280 x 800) 10,1" / LCD touch screen (1280 x 800) 15" / LCD touch screen (1024 x 768)
• Magnetic Stripe Reader (MSR)	ISO 7811 compliance, supports tracks 1, 2, 3
• Smart Card Reader (SCR)	EMV level 1
• Dallas Reader	iButton
• Speaker	1 x 1 W (Mono)
• VESA Kit	75x75mm, 100x100mm
• Serial Port Adapter Converter	From RJ-45 to D-sub 9 pin
• Fingerprint Reader	Dedicated module
• TPM Module	Supported

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POS SYSTEM TOUCH SCREEN

APEXA CORE CX SERIES



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THE EVOLUTION
OF THE SPECIES

POS SYSTEM TOUCH SCREEN

APEXA CORE CX SERIES

COMPACT, ELEGANT, EVER MORE PERFORMING

The APEXA CORE CX POS system series guarantees excellent performance for the needs of retail and hospitality thanks to the 12th generation Intel® N97 processor that offers improved performance in terms of speed and security. The elegant and contemporary design promotes cooling and prevents dust deposits, ensuring maximum stability even in case of intensive and continuous use. The 15" touch screen display (4:3) offers high touch sensitivity, excellent visibility and industrial-grade scratch resistance (7H).

Immediate access to the communication ports and the removal of the disk facilitated by the exclusive slide mechanism makes maintenance and update operations even faster.

IDEAL FOR MARKET SECTORS



Retail



Horeca



GDO



Entertainment

PROCESSOR



Intel® N97
(12a Gen.)

SUPPORTED OS



- Windows 10/11 Pro
- Windows 10 IoT LTSC 21
- Windows 11 IoT LTSC

MONITOR



Display 15"
1024x768

AVAILABLE IN



Anthracite grey
matte



White
matte



Reinforced glass
display with
ultra-thin bezel

Sleek and
contemporary
design



Immediate access to I/O ports allows immediate connection of peripherals and accessories

Quick access to SSD makes maintenance and upgrades easier

CUSTOMIZE YOUR POINT OF SALES

The APEXA CORE CX series features a wide set of dedicated accessories, including the innovative touch screen courtesy display, which allows you to create a complete and functional cash register system.

9.7" LCD courtesy display, also in touch screen version.

The customer display is also available in VFD version (2 Lines x 20 Characters)



The MSR magnetic reader is the ideal solution for speeding up various operations including:

- management of loyalty cards
- identification of employees
- authentication to reserved system functions

