

SERIE APEXA CORE - GENERAL INFORMATION

VER. 10/25

SYSTEM	
• Processor	J6412 / Intel® Celeron® J6412 (2.6 GHz) i3 / Intel® Core® i3-1115G4 (4.1 GHz) Intel® Core® i3-1215U (4.4 GHz) i5 / Intel® Core® i5-1135G7 (4.2 GHz) Intel® Core® i5-1235U (4.4 GHz)
• Chipset	J6412 / Intel® Elkhart Lake i3 / i5 / Intel® Tiger Lake Intel® Alder Lake
• Storage	NVMe 128GB
• Memory	8 GB Standard, DDR4 3200 MT/s, Socket 1 x SODIMM (exp. to 16 / 32 GB)
• Video Card	Integrated Intel® Engine
• Audio Card	HD Audio Codec
MONITOR	
• Panel	15" / 15,6" FHD / TFT LCD, LED backlit
• Resolution	1024 x 768 / 1920 x 1080
• Contrast Brightness	300 cd/m² / 400 cd/m²
TOUCHSCREEN	
• Type	Projective Capacitive Touch
EXTERNAL I/O PORTS	
• USB	8x (5x USB 2.0, 2x USB 3.0, 1x USB C)
• RS232	6x (COM1 RJ45, with out 5V/12V on 6 Pins, BIOS) (COM2-3 RJ-45 , Full Signal) (COM4 MiniDP, Only TX/RX, 12V out, reserved for CDP) (COM5, Full Signal) (COM6 PinHeader Solo TX/RX, 5V Power Output, reserved for l'MSR)
• LAN	1x Gbit LAN RJ-45
• Audio	1x Line-out
POWER SUPPLY	
• Power Adaper	External 12V, 5A

PHYSICAL CHARACTERISTICS	
• Certification	CE
• Temperature	Operation / 0°C - 60°C Storage / -20°C - +80°C
• Humidity	10% - 90% non-condensing
• Colors	Anthracite grey matte / White matte
• Dimensions (W x H x D)	15" / 351 x 307,5 x 206 mm 15,6" / 372 x 301 x 206 mm
SUPPORTED OPERATING SYSTEMS	
• Supported OS	Windows 10 IoT Enterprise Windows 10 / 11 Pro
OPTIONS AND ACCESSORIES	
• Storage	M.2 SATA SSD 240 GB / 480 GB / 1 TB
• Memory	16 GB / 32 GB DDR4
• I/O Box esterno	2x USB 2.0, 1x Powered USB 12V, 1x Powered USB 24V, 2x RS232 (RJ.45)
• Customer Display (CDP)	VFD (20 characters x 2 lines)
• Second Monitor	9,7" / LCD (1024 x 768) 9,7" / LCD touch screen (1024 x 768) 10,1" / LCD (1280 x 800) 13,3" / LCD (1920 x 1080)
• Magnetic Stripe Reader (MSR)	ISO 7811 compliant, supports track 1, 2, 3
• Smart Card Reader (SCR)	EMV level 1, 2
• Dallas Reader	iButton
• Speaker	1 x 1 W
• VESA Kit	75x75mm, 100x100mm
• WiFi and Bluetooth	iModulo Wireless LAN on slot M.2
• Fingerprint Reader	Dedicated module

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POS SYSTEM TOUCH SCREEN

APEXA CORE SERIES

axon
MICRELEC
leading retail innovation



POS SYSTEM TOUCH SCREEN

APEXA CORE SERIES

EFFICIENCY AND VERSATILITY IN A SINGLE SOLUTION

The APEXA CORE POS system combines the maximum performance of Intel® processors 11th generation with a contemporary and minimalist design.

The glass display reinforced with ultra-thin frame, available in the 15" version (4:3) and 15.6" (16:9), offers greater precision and reliability of touch, rendering the convenient and comfortable use experience for the user. The wide range of I/O ports and the external box allow you to manage a large number of peripherals and the digital interface can support video, audio and USB ensuring maximum speed and precision.

The innovative NVMe technology allows greater execution speed and superior data storage quality. Quick access to RAM and SSD speeds up and makes maintenance tasks easier and update.

The wide range of accessories, such as customer displays and LCD courtesy monitors, guarantees a practical and up-to-date configuration measure.

IDEAL FOR MARKET SECTORS



Retail



Horeca



GDO



Entertainment

PROCESSOR



Intel® Celeron®
J6412 11a gen.



Intel® Core®
i3 11a/12a gen.



Intel® Core®
i5 11a/12a gen.

SUPPORTED OS



- Win 10 IoT Enterprise
- Win 10/11 Pro

AVAILABLE IN



Anthracite
grey
matte



White
matte

MONITOR



Display 15"
1024x768



Display 15,6" FHD
1920 x 1080

Display in glass
strengthened with
ultra-thin frame

Elegant and
contemporary
design



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

Quick access to RAM and SSD makes maintenance and upgrades easier

CUSTOMIZE YOUR POINT OF SALES

Axon Microlec offers a family of accessories dedicated, specially designed to allow the customization of the point of sales ensuring maximum efficiency and ease of use.

9.7" or 15" and 15.6" LCD courtesy display also in touch screen version.

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



The practical I/O box allows to expand and optimize the connection interfaces



Magnetic stripe reader MSR

