E-TEL | BRANTEL Connect

E-TEL RYZEN IPC

PRODUCT OVERVIEW

Mini PC. Maximum Work.

Save space and energy with AMD Ryzen™ performance.



AMD Ryzen™
Ryzen 5 / Ryzen 7 processors

RAM
Up to 64GB DDR4 / DDR5

Storage
128GB – 2TB

Dual Display
4K HDMI + Full HD VGA

Wireless
Wi-Fi 6 & Bluetooth 5.2

VESA Mount
75 × 75 / 100 × 100 mm

Big performance. Small footprint.

Built for offices, retail counters, classrooms and digital signage, the E-tel Ryzen iPC puts a full AMD Ryzen™ desktop into a compact 1.7-litre iron case. Mount it behind a monitor and reclaim your desk.

AMD Ryzen™ 5 / 7	AMD Radeon™ 780M Graphics	DDR4 / DDR5 8GB – 64GB	Storage 128GB – 2TB	2.5" SATA 3.0 HDD / SSD slot

Performance

- AMD Ryzen™ 5 or Ryzen™ 7 with AMD Radeon™ 780M Graphics
- 2 × SODIMM; DDR4 / DDR5 8GB, upgradable to 64GB
- M.2 PCIe NVMe SSD (128GB to 2TB) + 2.5" SATA 3.0 HDD / SSD slot

Connectivity

- 4K HDMI (3840 × 2160) and Full HD VGA for dual monitors
- 2 × USB 3.0 + 4 × USB 2.0, Gigabit RJ45 and front & rear audio
- Optional RS232 COM port
- Wi-Fi 6 + Bluetooth 5.2

Reliability & Management

- Low power consumption
- Auto power-on when electricity returns
- PXE network boot, AES-NI, AMD-V and TPM 2.0 support
- Iron case with active fan cooling



1.7 L	64 GB	2 TB	4K
CHASSIS VOLUME	MAX MEMORY	STORAGE	HDMI OUTPUT

Hide it behind the screen

Attach to any VESA monitor (75 × 75 / 100 × 100 mm) or digital-signage display.

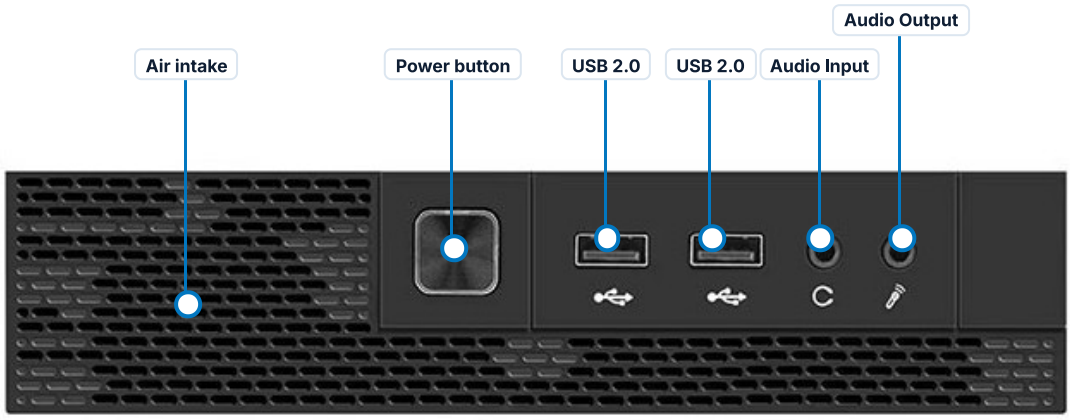


- Office
- Retail / POS
- Education
- SME

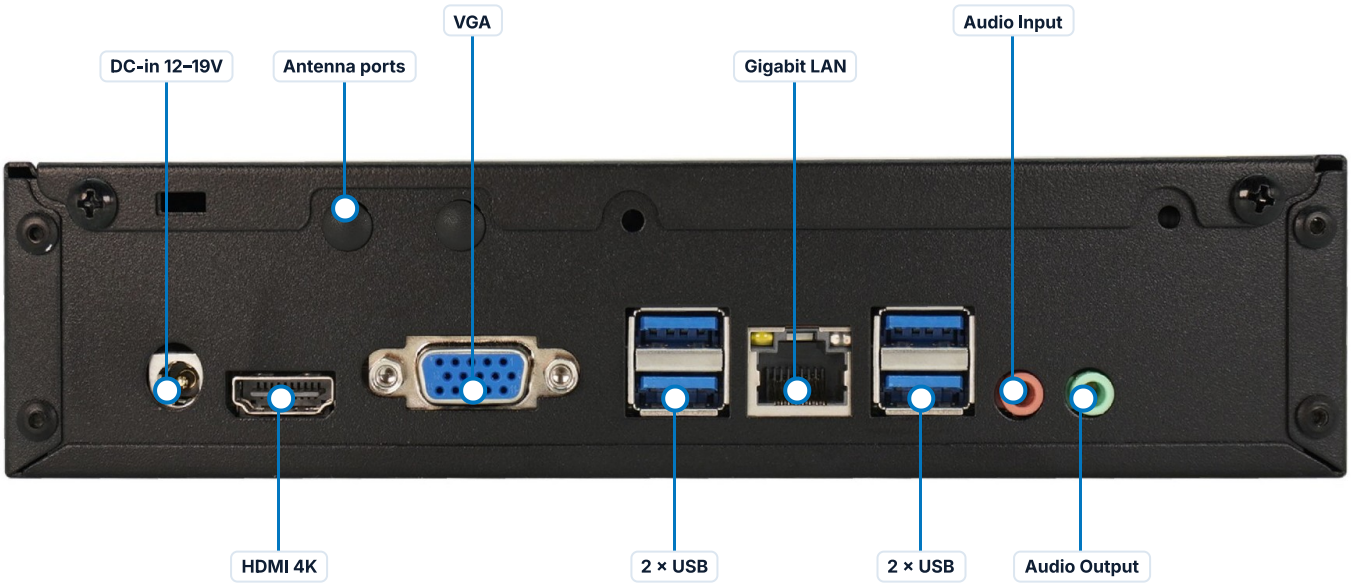
Every port right where you need it.

Everyday peripherals plug in at the front. Displays, network and power connect at the back, out of sight.

FRONT PANEL



REAR PANEL



COMPACT BY DESIGN



195–196 mm
WIDTH

193 mm
DEPTH

43–45 mm
HEIGHT

0.9 kg
NET WEIGHT

SYSTEM	
Processor	AMD Ryzen™ 5 / AMD Ryzen™ 7
Graphics	AMD Radeon™ Graphics (Radeon 780M)
Memory	2 × SODIMM DDR4 / DDR5; 8GB, upgradable to 64GB
Storage	1 × M.2 PCIe NVMe; 128GB, upgradable to 2TB
Storage Expansion	1 × 2.5" SATA 3.0 HDD / SSD slot
Wireless	1 × M.2 PCIe / mPCIe; supports Wi-Fi 6 + Bluetooth 5.2
BIOS	AMI UEFI BIOS; TPM 2.0 support
OS Support	Windows 10 / Windows 11 / Linux

I/O & DISPLAY	
RJ45	1 × 10/100/1000 Mbps RJ45 Gigabit Ethernet
Audio	1 × 3.5 mm microphone jack + 1 × speaker (line-out) jack
USB	2 × USB-A 3.0 + 4 × USB-A 2.0
RS232	1 × DB9 RS232 serial COM port *(optional)*
Output 1	1 × standard VGA; resolution 1920 × 1080
Output 2	1 × HDMI; resolution 3840 × 2160
Multiple Display	YES Dual-monitor display (VGA + HDMI)

FEATURES	
Power On	YES Auto power-on when electricity returns
PXE	YES PXE boot without SSD
AES-NI	YES AES-NI (AES New Instructions)
Virtualization	YES AMD-V / VT-x virtualization technology

PHYSICAL & POWER	
Material	Iron case
Heat Sink	Active cooling with fan
Dimensions	195 × 193 × 45 mm / 196 × 193 × 43 mm
Weight	0.9 kg net
VESA Mount / Installation	VESA 75 × 75 mm, 100 × 100 mm; attach to a computer monitor or digital-signage screen; mount on a POS system or kiosk
Switch	Power button
Power Input	DC 12V ~ 19V
AC Input	100V ~ 240V auto-adaptive

CERTIFICATIONS	
Compliance	FC CE RoHS COMPLIANT

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