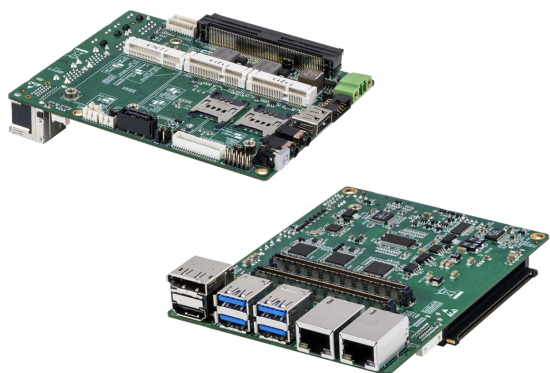


# Vtron T615 PRODUCT BROCHURE



COM Express™ Type 6 Rev. 2.1 compliant

**Part number:** T615 and T615V

## Features

- COM Express™ Type 6 Rev. 2.1 compliant
- Compact size: 125 x 95 mm
- Wide-Range DC voltage input: 9V~32V
- Supports 3rd Gen. ~ 7th Gen. Intel® Core™ i7, i5, i3 processor
- Support multiple displays: 1x HDMI/VGA, 1x DP, LVDS
- 2x Mini-PCIe with USIM socket
- 1x mSATA socket, 1x SATA
- 4x USB3.0/2.0, 1x USB2.0, 1x USB2.0 Internal
- 2x GbE Ethernet, 2x RS-232

### CPU Module Platform

<b>COM Express</b>	COM Express™ Type 6 Rev. 2.1 compliant, basic size or compact size
<b>CPU</b>	x86 CPU
<b>Display</b>	
<b>HDMI</b>	1x HDMI (Share with VGA)
<b>DP</b>	1x Display Port
<b>VGA</b>	1x internal wafer (Share with HDMI)
<b>LVDS</b>	24-bit dual channel
<b>Storage</b>	
<b>SATA</b>	1x mSATA socket, 1x SATA (7-pin)
<b>USIM</b>	2x USIM socket
<b>I/O Interface</b>	
<b>Ethernet</b>	2x EJ45 GbE
<b>USB</b>	4x USB 3.0/2.0, 1x USB 2.0, 1x USB 2.0 internal
<b>Audio</b>	1x Line-out/MIC-in
<b>UART (Serial Port)</b>	2x RS-232 (Tx/D, Rx/D signal only)
<b>Digital I/O</b>	4-bit GPI, 4-bit GPO
<b>Expansion</b>	

\* All product specifications are subject to change without notice

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<b>Mini-PCIe</b>	2x Full-Length Mini-PCIe socket (PCIe + USB + SIM)
<b>Others</b>	
<b>Watchdog Timer</b>	Multistage
<b>Smart Battery Management</b>	ACPI 5.0 compliant
<b>Miscellaneous</b>	5x PCIe x1 (*), 2x SATA (*), 1x DDI(*), LPC, SMB, I2C, Power button, reset button, HDD LED (*Depends on CPU module)
<b>Operating System</b>	
<b>Windows/Linux</b>	Depends on CPU module
<b>Power</b>	
<b>DC Input Voltage</b>	9V~32Vdc
<b>OS Support</b>	
<b>Windows/Linux</b>	Depends on CPU module
<b>Mechanical</b>	
<b>Dimensions</b>	125 x 95mm
<b>Environment</b>	
<b>Operation Temperature</b>	-20°C ~ 70°C
<b>Storage Temperature</b>	-45°C ~ 85°C
<b>Operation Humidity</b>	10% to 90%, non-condensing
<b>Storage Humidity</b>	5% to 95%, non-condensing
<b>Certification</b>	
<b>Safety Certifications</b>	CE/FCC Class A

## I/O Comparison Chart

Model Name	DP	DDI/VGA	LVDS	GbE(RJ45)	DIO	USB 3.0	USB 2.0	RS-232	Mini-PCIe	mSATA
T615	1	1	24-bit Dual channel	2	4-bit DI & 4-bit DO	4	2	2	2	1
T615V										

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## Ordering Information:

Model Name		Article Number (A/N)
T615	COMe Type 6 Carrier Board (Horizontal Connector), 1x DDI/VGA, 1x DP, 1x LVDS, 2x RJ45 GbE, 4x USB 3.0, 2x USB 2.0, 2x RS-232, 4-bit DI & 4-bit DO	7421-615100
T615V	COMe Type 6 Carrier Board (Vertical stack Connector), 1x DDI/VGA, 1x DP, 1x LVDS, 2x RJ45 GbE, 4x USB 3.0, 2x USB 2.0, 2x RS-232, 4-bit DI & 4-bit DO	7421-615200

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