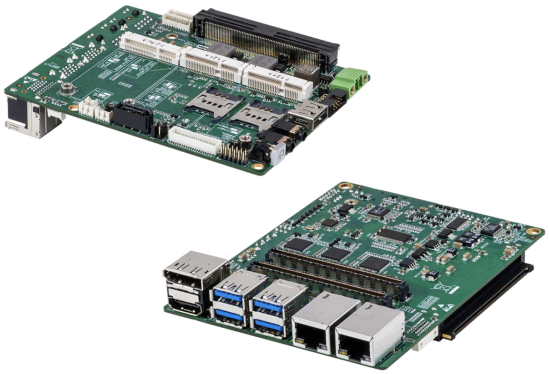
Vtron T615 PRODUCT BROCHURE



COM ExpressTM Type 6 Rev. 2.1 compliant

Part number: T615 and T615V

Features

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

* All product specifications are subject to change without notice

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